



## CELLPROTECT COMPLEX™

Ora CellProtect Complex™ is a comprehensive formulation that helps reduce free radical damage and supports natural detoxification processes. Containing SIRTCell™, a unique Broccoli sprout concentrate with synergistic antioxidant compounds, together with organic Black cumin seed extract and key vitamins and minerals to address dietary deficiencies commonly found in a modern lifestyle. Ora's SIRTCell™ 100% whole Broccoli Sprout concentrate is a complete form containing quantifiable batch to batch Glucoraphanin, the active Myrosinase enzyme and the bioactive component Sulforaphane.



SIRTCELL™ Broccoli sprout  
*Brassica oleracea*



Organic Black cumin seed  
*Nigella sativa*



Vitashine™  
Vegan D3



Activated vitamins  
and minerals

ACTIVE INGREDIENTS	PER CAPSULE
SIRTCELL™ <i>Brassica oleracea</i> var. <i>italica</i> (Broccoli) sprout powder Equiv. fresh sprouts Glucoraphanin (NLT 3%) 6 mg Sulforaphane (NLT 1.5%) 3 mg	200 mg 2400 mg
Organic <i>Nigella sativa</i> (Black seed) ext. equiv. dry seed	1000 mg
Colecalciferol (500 IU Vitashine™)	12.5 mcg
Pyridoxal 5- phosphate (P5P, Active B6) Equiv. Pyridoxine	7.84 mg 5 mg
Mecobalmin (methylcobalamin) (Active Vitamin B12)	100 mcg
Calcium folinate Equiv. Folinic acid	239 mcg 220 mcg
Zinc citrate Equiv. Zinc	38.9 mg 12.5 mg
Potassium iodide Equiv. Iodine	196mcg 100 mcg
Borax Equiv. Boron	8.82 mg 1 mg
Selenomethionine Equiv. Selenium	149 mcg 60 mcg
Biotin	2.5 mg

- ✓ Suitable for vegetarians and vegans
- ✓ 30 or 60 caps (1 or 2 months' supply)

### Who This Is For

Ora CellProtect Complex™ is recommended for adults seeking help for:

- Support natural detoxification
- Oxidant protection damage
- Healthy immune system function
- Healthy cardiovascular system
- Energy production
- Replenishing deficient vital nutrients
- Maintaining healthy heart, bones and muscles
- Supporting skin health

### Co-creating wellness™

Ora recommends a holistic approach in combination with Ora CellProtect Complex™.

Try the following to enhance results:

- Hydrotherapy
- Saunas
- Intermittent fasting
- Swap toxic household products for natural chemical-free alternatives
- Consumption of plant-based fatty acids (walnuts, avocados, seeds)
- Enjoy cruciferous vegetables, lightly steamed

Combines well with:

- Ora Organic Greens Superpowder+™
- Ora Profound Sleep™



## Traceable Ingredients

We take pride in selecting only the highest quality ingredients from all over the world and being transparent about the ingredients we use. The active ingredients in Ora CellProtect Complex™ are sourced from:

**SIRTOCELL™ *Brassica oleracea*** – Hydrogenically grown in south-east Queensland in controlled biomass chambers without the use of herbicides, pesticides or other chemicals. With same day harvesting, drying and proprietary processing technology which retains qualified levels of glucoraphanin and the myrosinase enzyme. Manufactured in accordance with HACCP, FSANZ and IFS standards in Australia.

***Nigella sativa*** – Organically cultivated on farms using select, non-GMO organic certified seeds at farms across India and extracted at a WHO GMP, ISO9001, FSSAI, Halal, Kosher, USDA organic certified state-of-the art facility, Yadadri district, Telangana, India.

**Pyridoxal 5- phosphate** – Produced in Shanghai, China at a FSSC 22000, ISO 9001, Kosher, Halal, facility specialising in P5P manufacture.

**Calcium folinate** – Produced in Lianyungang city, Jiangsu, China in a facility specialising in the production of folate derivatives with OHASAS 18001, ISO9001, ISO4001 certifications.

**Mecobalmin** – Produced in Hubei province, China at the largest specialist manufacturer of pharma grade B12 ingredients in the world.

**Zinc citrate** – Produced in Jiangsu, China at manufacturing facility specialising in mineral salts with GMP, ISO9011, ISO2200, Kosher and Halal certification.

**Boron** – Manufactured to USP grade in Germany at a FSSC 22000, GMP, ISO9001, ISO14001, ISO50001, Halal, Kosher certified facility.

**Selenium** – Manufactured at a US-FDA certified planted located near Mumbai, India.

**Vitashine™ D3** – Sustainably sourced from wild-crafted lichen and manufactured through a multistep process of extraction, purification and concentration in the UK. Vitashine™ is registered and certified by: The Vegan Society, Indian Vegetarian Mark, the Vegetarian Society and Non-GMO Project.

## How We Make It

We use the minimum amount of excipients during our manufacturing process.

Ora CellProtect Complex™ contains the following added substances at < 192 mg input/capsule:

Microcrystalline cellulose, Colloidal anhydrous silica, and Magnesium stearate – added to aid the manufacturing process, enhance final product stability and support efficacy of the product.

Additional substances related to the capsule and individual ingredients, not added during the product manufacturing process:

Vegetarian Capsule excipients: Hypromellose, water.

No added yeast, soy, added sugars, lactose, gluten, artificial colourings, dairy, or animal products

## Find Out More

### **SIRTOCELL™ *Brassica oleracea* (Broccoli sprout)**

Ora CellProtect Complex™ contains Broccoli sprout powder which is produced using proprietary processes that carefully retain both the glucosinolate glucoraphanin, and the natural myrosinase enzyme essential for sulforaphane production. The processing technology utilised also minimizes the presence of the inhibitor compound Epithiospecifier compound (ESP), which is normally found in broccoli sprouts. Sulforaphane yield can be reduced by as much as 90% in the presence of ESP. Only broccoli sprout powders that contain active myrosinase enzymes will produce any significant sulforaphane levels when ingested.

Broccoli sprouts are the most concentrated source of sulforaphane, which is the bioactive metabolite of glucoraphanin. It is thought to be responsible for many of the health benefits of broccoli sprouts.

Factors that modify cells, like oxidation, DNA-damaging environmental chemicals, and inflammation underlie many chronic health conditions. Numerous in-vitro, animal and some human clinical studies have demonstrated that the use of sulforaphane or its precursors either as a supplement or via increased consumption of cruciferous vegetables may result in health improvements in a variety of conditions due to its anti-inflammatory, and anti-oxidative properties. Research is continuing to be undertaken to investigate the clinical relevance of sulforaphane's properties on various health outcomes.

***Nigella sativa* (Black seed)** is an important herbal medicine in Arabian and Islamic folk medicine for a wide range of ailments. Medicinal use of Black seed dates back to the ancient Egyptians, Greeks and Romans. Black seed (also known as Black cumin in the West) has been traditionally used in Ayurvedic medicine whereby the seeds and seed oil are used for their appetising, digestive warming and stimulant actions, cleansing and detoxifying properties and for their nerve tonic and calming effects. The seeds are thought to be a Medhya, a herbal medicine with intellect promoting and brain tonic properties believed to help enhance clear thinking and concentration.

More recent studies show that Black seed activates the up-regulation of over 250 genes involved in antioxidant defence systems, redox homeostasis and xenobiotic detoxification. It also modulates the cellular autophagy process that recycles defective and unwanted cell components and invading pathogens to retain cellular homeostasis, as well as mitophagy

**Colecalciferol (Vitamin D)** promotes calcium absorption in the gut and maintains adequate amounts of calcium and phosphate in the body to enable normal bone mineralisation. Without sufficient vitamin D, bones can become thin, brittle, or misshapen. Vitamin D is also important for the reduction of inflammation as well as modulation of cell growth, neuromuscular and immune function, and glucose metabolism.

## Find Out More (cont)

**Potassium iodide** is an inorganic salt where potassium and iodine are combined in a one-to-one ratio to form potassium iodide. Iodine is an essential trace element and an integral component of the thyroid hormones thyroxine (T4) and triiodothyronine (T3) which regulate energy production, cellular oxygen consumption and metabolic rate. Iodine also plays a role in healthy immune response.

**Selenomethionine** is a naturally occurring amino acid. It is the main form of selenium that can be found in Brazil nuts, cereal grains and soybeans as well as human tissues. Selenium plays a critical role in reproduction, thyroid hormone metabolism, DNA synthesis, and protection from oxidative damage and infection.

**Zinc** plays an important role in the antioxidant defence system of the body. It is a cofactor of the antioxidant enzyme extracellular superoxide dismutase (SOD) and stimulates catalase activity which are directly involved in free radical scavenging. Zinc plays an important role in the integrity and stability of bio membranes thereby reducing their susceptibility to oxidative stress.

**Biotin** is an essential B vitamin which plays a critical role in production of energy from the metabolism of carbohydrates and fats. Biotin serves as a cofactor for biotin-dependent enzymes which participate in the manufacture of fats and the excretion of byproducts from protein metabolism. Symptoms of biotin deficiency include a scaly, red rash around the eyes, nose and mouth, poor nail quality, thinning of hair and progression to loss of all hair, including eyebrows and lashes.

**Boron** has been shown to play a role in calcium metabolism, growth and maintenance of bone, wound healing, energy metabolism, the function of hormones including vitamin D, estrogen and testosterone. Boron raises levels of antioxidant enzymes, such as superoxide dismutase (SOD), catalase, and glutathione peroxidase and improves the brain's electrical activity and may improve cognitive function.

**Pyridoxal-5-Phosphate (P5P)** is the active coenzyme form of Vitamin B6 which drives over 100 vital enzyme processes in our body. P5P facilitates the conversion of glycogen to glucose for energy production. P5P-dependent enzymes are involved in essential biological processes, such as haemoglobin and amino acid biosynthesis as well as fatty acid metabolism. P5P-dependent enzymes drive the synthesis of the neurotransmitters, serotonin, dopamine and GABA.

**Methylcobalamin** is the active coenzyme form of vitamin-B12 which is essential for the normal function of all cells. Required for the synthesis of myelin, the insulation around nerves. It plays a major role in the functioning and maintenance of the nervous system and is required for neurological function.

**Calcium folinate (Folinic acid)** is a folate derivative, and active form of folic acid. Folates help to form DNA and RNA and play a key role in the breakdown of homocysteine. Folate is also needed to produce healthy red blood cells and assist in the synthesis of neurotransmitters. Depression, anxiety, and fatigue may be signs of a folate deficiency.

## Indications For Use

We acknowledge and celebrate the empirical knowledge gained through the elegant use of herbs in Chinese and Western Herbal traditions and the evaluation of minerals and vitamins through robust human clinical research in contemporary science.

### **Ora CellProtect Complex™ contains Broccoli sprouts along with Zinc and Selenium to:**

- Reduce free radicals formed in the body
- Help decrease free radical damage to body cells
- Maintain and support general health and wellbeing

### **Ora CellProtect Complex™ includes an organic Black cumin seed extract, which is used in traditional Ayurvedic medicine:**

As a brain tonic to:

- Enhance brain health
- Maintain memory
- Support mental recall

For digestion to:

- Maintain digestive system health
- Support general health and wellbeing

### **Ora CellProtect Complex™ includes a select range of nutrients:**

Vitashine™ D3 to:

- Support bone health, heart health, muscle function, nervous system, and healthy immune system function

Potassium iodide to:

- Assist thyroid hormone production, support energy production, cognitive and healthy thyroid function

Selenomethionine to:

- Assist the natural detoxification processes of the body and support thyroid hormone production, thyroid gland health, immune system function and eye health

Zinc citrate to:

- Maintain body tissue regeneration, skin repair in healthy individuals, connective tissue health, immune system function, healthy reproduction hormones and support reproductive system health

Biotin to:

- Aid nail growth, reduce nail brittleness and splitting and maintain nail strength, thickness, as well as hair health

Boron to:

- Help support bone health, mineralisation and assist general bone building.

B vitamins to:

- Support energy production, nervous system and cardiovascular health
- Aid synthesis of neurotransmitters
- Help reduce homocysteine levels in healthy individuals, support healthy immune system function and red blood cell health

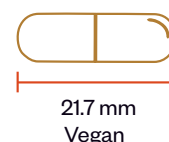
## Directions For Use

Take one to two capsules per day or as recommended by your healthcare practitioner. Always read the label. Follow the directions for use. If symptoms persist, worsen, or change unexpectedly, talk to your healthcare professional.

**Pack size:** 30 or 60 vegan capsules

**Product Code:** CELPRO30-ORA (30 capsules) / CELPRO60-ORA (60 capsules)

## Capsule Size



Scan me to learn more about **CellProtect Complex™**