

Recombinant Human Albumin

(Expressed in *Pichia Pastoris*)

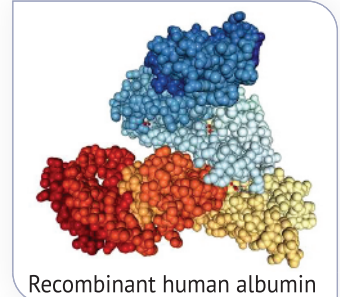
Provis

Scientific Background

- Recombinant Human Albumin (rHA) (CAS Number 70024-90-7) is a 66 kDa synthetic human serum albumin (HSA) produced using recombinant DNA technology
- HSA is a major protein found in human plasma that is responsible for various physiological functions
- The rHA is a highly purified product that is free of animal and human components. It is developed as an alternative to HSA, to which it is structurally equivalent
- The rHA offers a reliable and sustainable alternative to traditional HSA sources

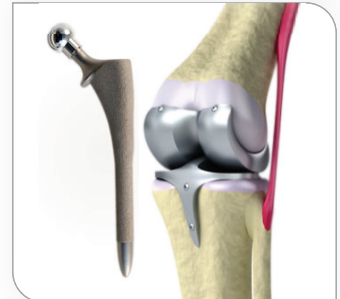
Applications

- Cell and tissue culture media supplement
- Stabilizer for vaccines and therapeutic proteins
- Drug formulation and delivery
- Diagnostic reagent
- Coating onto biomedical devices
- Biotechnology and pharmaceutical applications



Product Features

- The rHA is cloned into yeast, *Pichia pastoris* by recombinant DNA technology
- The rHA is manufactured by yeast fermentation process and purified using series of chromatography methods
- Purity levels $\geq 99\%$, confirmed by orthogonal quality control tests
- Process and product related impurities comply with statutory limits for impurities such as bacterial endotoxins and host cell-derived impurities
- Antibiotic-free and solvent-free manufacturing process
- Raw materials used are animal component free, TSE/BSE-free certified and comply with IP/USP/EP
- Manufactured in a GMP certified facility with ISO classified clean rooms, following ICH Q7 principles to meet international standards
- Quality control testing as per ICH Q6 and Q1 guidelines



Packaging, Storage and Supply Chain

- Th rHA is available both in liquid and lyophilized forms for wide range of applications
- Product packed in single-use sterile endotoxin-free containers
- Product is stable for up to 2 years at the recommended storage conditions
- Validated cold chain shipment comply with GDP guidelines
- Affordable pricing and efficient global delivery options



About Provis:


Provis Biolabs is a fastest growing biotechnology company based in Hyderabad, India. Provis was founded in the year 2019 with a vision to be integrated research driven biotechnology company offering products and services to global pharmaceutical and biopharmaceutical industry. Provis began its budding scientific journey by setting up R&D lab at Aspire-BioNest, University of Hyderabad. Provis is WHO-GMP, GLP, ISO 9001-2015, Halal and Kosher certified company. Since our founding in 2019, we have developed and commercialized 5 products and 10 products in various stages of development. Provis is in the process of expanding R&D operations and establishing state-of-the-art large-scale fermentation-based manufacturing facility to serve its global ambitions.



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