

Bovine Collagen Type I

Catalog Number 8052010
For research use only

DESCRIPTION	Purified type I native collagen from bovine skin.
FORM	Lyophilized, 10mg / vial
SOURCE	Bovine (calf) skin. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I was purified by using differential salt precipitation.
PURITY	Bovine collagen type I 90% Other non-collagen proteins below 0.5% Structure of native collagen was confirmed by ability to form microfibrils.
Purification	Partial pepsin digestion in acidic conditions and differential salt precipitation.
Reconstitution	Use 0.1 M acetic acid, pH 3.0
Storage	Collagen dissolved in acetic acid is stable at 4 °C for 1 month. Lyophilized collagen long term storage (2 years) at -20 °C or lower.
Application	Used for type I collagen standard. Antigen for antibody production. Coating material for cell culture studies. May not be suitable for 3-D gel formation.

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