

Bovine Collagen Type I (Atelocollagen)
Catalog Number 8052013

DESCRIPTION	Purified Bovine Collagen Type I (Atelocollagen) from bovine tendons.
FORM	Lyophilized, salt free, 30 mg/ vial
Sterility	Passed sterility test for bacteria and fungi
SOURCE	Bovine tendons
PURITY	Bovine Collagen Type I (Atelocollagen) > 95%
Purification	Partial pepsin digestion in acidic conditions and differential salt precipitation.
Reconstitution	Dissolve in 10-50 mM acetic acid. Suspension should be gently stirred for several hours or overnight at 4°C. Material is dissolved when it appears homogeneous, with no schlieren pattern (light refraction due to differing protein concentrations in the suspension). Recommended concentration 1-5 mg/ml.
Storage	Bovine Collagen Type I (Atelocollagen) 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	Coating material for cell culture studies or 3D gel formation.

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