

## Rat Collagen Type I (Atelocollagen)

**Catalog Number 8052016**  
*For research use only*

**DESCRIPTION** Purified Rat Collagen Type I (Atelocollagen) from rat tail tendon.

**FORM** Lyophilized, salt free, 30mg / vial

**STERILITY** Passed sterility test for bacteria and fungi

**SOURCE** Rat tail tendons

**PURITY** Rat collagen type I > 90%  
Rat collagen type III < 10%

**PURIFICATION** Collagen was extracted from dissected tissue into dilute acetic acid after mild pepsin treatment. Collagen type I was purified by using differential salt precipitation.

**RECONSTITUTION** Dissolve in 20 mM acetic acid. Suspension should be shaken or stirred for several hours or overnight between 2-8°C. Material is dissolved when it appears homogeneous, with no schlieren pattern (light refraction due to differing protein concentrations in the suspensions). Recommended concentration 1-5 mg/mL.

**STORAGE** Collagen dissolved in acetic acid is stable at 4 °C for 1 month. Lyophilized collagen long term storage at -20°C or lower.

**APPLICATIONS** Cell culture (coating or 3D gel)

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