

## Porcine Collagen Type I (Atelocollagen)

**Catalog Number 8052017**

*For research use only*

<b>DESCRIPTION</b>	Purified Porcine Collagen Type I from porcine tendon.
<b>FORM</b>	Lyophilized, salt free, 30 mg / vial
<b>Sterility</b>	Passed sterility test for bacteria and fungi
<b>SOURCE</b>	Porcine Tail Tendon
<b>PURITY</b>	Porcine Collagen Type I $\geq$ 95%
	Partial pepsin digestion in acidic conditions and differential salt precipitation.
<b>Reconstitution</b>	Dissolve in 10-50 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 suspension). Recommended concentration 1-5 mg/ml.
<b>Storage</b>	Porcine Collagen Type I dissolved in acetic acid is stable at 4°C for 1 month. Lyophilized collagen long term storage (2 years) at -20°C or lower.
<b>Application</b>	Coating material for cell culture studies or 3D gel formation.

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