

Mouse Collagen Type I (Atelocollagen)

Catalog Number 8052015

For research use only

DESCRIPTION Purified Mouse Collagen Type I (Atelocollagen) from mouse tail tendon.

FORM Lyophilized, salt free, 1 mg / vial

STERILITY Passed sterility test for bacteria and fungi.

SOURCE Mouse tail tendons

PURITY Mouse collagen type I > 90%
Mouse collagen type III < 10%

PURIFICATION Collagen was extracted from washed 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)

International

MD Bioproducts GmbH
Tel: +41- 44 986 2628
info@mdbioproducts.com



www.mdbioproducts.com

North America

MD Biosciences Bioproducts, LLC
Tel: 651-789-6535
products@mdbiosciences.com