

Mouse Collagen Type I & III

Catalog Number 8052006

For research use only

| | |
|-----------------------|--|
| DESCRIPTION | Purified native murine collagen type I and III from tail tendons of the mouse. |
| FORM | Lyophilized, salt-free, 5 mg / vial |
| SOURCE | Mouse tail tendons |
| PURITY | Murine collagens: Type I 45% Type III 45% Type IV 10% Type V below 1% Non-collagen proteins below 0.5% |
| Purification | Partial pepsin digestion in acidic conditions and differential salt precipitation. |
| Reconstitution | Use 0.5 M acetic acid, pH 2.5 at 4 °C. Dissolved collagen retains immunologic properties of native collagen. Structure of native collagen confirmed by ability to form microfibrils. |
| 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 coating material for cell culture studies. May not be suitable for 3-D gel formation. |

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