

Native Porcine Collagen type I & III Protein

Cat. No. Collagen type I & III-185 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Porcine Collagen type I & III was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment.
Species	Porcine
Source	Porcine tissue
Description	Porcine tissue. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I and III was purified by using differential salt precipitation
Purity	Porcine collagens: type I – 45%, type III – 45%, type IV – 10%, type V below 1%. Non-collagen proteins below 0.5%
Applications	Coating material for cell culture studies. May not be suitable for 3-D gel formation
Storage	Shipping at ambient temperature. Storage of lyophilized protein 2 years at -20 centigrade. Storage of reconstituted protein 1 month at +4 centigrade
Reconstitution	Use 0.5 M acetic acid, pH 3.0. Dissolved collagen retains immunologic properties of native collagen. Structure of native collagen confirmed by ability to form microfibrils

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