

Goat Collagen Type I

Catalog Number 8052007

For research use only

DESCRIPTION	Purified type I native goat collagen.
FORM	Lyophilized, salt-free, 10mg / vial
SOURCE	Goat tissue. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I was purified by using differential salt precipitation.
PURITY	SDS-PAGE 90%
Purification	Partial pepsin digestion in acidic conditions and differential salt precipitation.
Reconstitution	Use 0.5 M acetic acid, pH 2.5. Dissolved collagen retains immunologic properties of native collagen. Structure of native collagen confirmed by ability to form microfibrils.
Storage	Lyophilized collagen long term storage (2 years) at -20°C or lower.
Application	Used for goat collagen type I standard. Antigen for antibody production. Coating material for cell culture studies. Collagen microfibrils will activate platelets causing aggregation. May not be suitable for 3-D gel formation.

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