

<b>DESCRIPTION</b>	Purified type I native collagen from bovine skin.
<b>FORM</b>	Lyophilized, 10mg / vial
<b>SOURCE</b>	Bovine (calf) skin. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I was purified by using differential salt precipitation.
<b>PURITY</b>	Bovine collagen type I                      90% Other non-collagen proteins              below 0.5% Structure of native collagen was confirmed by ability to form microfibrils.
<b>Purification</b>	Partial pepsin digestion in acidic conditions and differential salt precipitation.
<b>Reconstitution</b>	Use 0.1 M acetic acid, pH 3.0
<b>Storage</b>	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.
<b>Application</b>	Used for type I collagen standard. Antigen for antibody production. Coating material for cell culture studies. May not be suitable for 3-D gel formation.

INFORMATIONAL USE ONLY! PLEASE REFER TO INSERT INCLUDED WITH PRODUCT!

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