

DESCRIPTION	Purified type I & III bovine collagen from calf skin.	
FORM	Lyophilized, salt free, 10 mg / vial	
SOURCE	Bovine (calf) skin. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type I and III were purified by using differential salt precipitation.	
PURITY	Bovine collagen type I	45%
	Bovine collagen type III	45%
	Bovine collagen other type	<10%
	Non-collagen proteins	<0.5%
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	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.	

INFORMATIONAL USE ONLY PLEASE REFER TO INSERT INCLUDED WITH PRODUCT!

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