

<b>DESCRIPTION</b>	Purified type I & III native rat collagen.								
<b>FORM</b>	Lyophilized, salt-free, 10 mg / vial								
<b>SOURCE</b>	Rat tissue. 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.								
<b>PURITY</b>	<table><tr><td>Rat collagen type I</td><td>90%</td></tr><tr><td>Rat collagen type III</td><td>10%</td></tr><tr><td>Other rat collagens</td><td>below 1%</td></tr><tr><td>Non-collagen proteins</td><td>below 0.5%</td></tr></table>	Rat collagen type I	90%	Rat collagen type III	10%	Other rat collagens	below 1%	Non-collagen proteins	below 0.5%
Rat collagen type I	90%								
Rat collagen type III	10%								
Other rat collagens	below 1%								
Non-collagen proteins	below 0.5%								
<b>Purification</b>	Partial pepsin digestion in acidic conditions and differential salt precipitation.								
<b>Reconstitution</b>	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.								
<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 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!

North America: 1-888-USMDBIO | International: +41-44 986 2628 | products@mdbiosciences.com | www.mdbioproducts.com

