

**Human Collagen Type III**  
**Catalog Number 8052020**

*For research use only*

<b>DESCRIPTION</b>	Human Collagen Type III protein purified from human placenta.
<b>FORM</b>	Lyophilized, salt free, 0.1 mg /vial
<b>SOURCE</b>	Human placenta. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type III was purified by using differential salt precipitation.
<b>PURITY</b>	Human Collagen Type III                    90% Human Collagen Type I                    <10% Other Type of Human Collagen & Non-collagen proteins    <1%
	Partial pepsin digestion in acidic conditions and differential salt precipitation.
<b>PURIFICATION 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>APPLICATION</b>	Used for coating material for cell culture studies and ELISA.
<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.

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