

Human Collagen Type IV
Catalog Number 8052021

For research use only

DESCRIPTION	Collagen type IV protein purified from human placenta
FORM	Lyophilized, salt-free, 0.1 mg /vial
SOURCE	Human placenta. The Human Collagen Type IV was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. The Human Collagen Type IV was purified by using differential salt precipitation.
PURITY	Human Collagen Type IV 95% Other Types of Human Collagen & Non-collagen proteins <5%
	Partial pepsin digestion in acidic conditions and differential salt precipitation.
PURIFICATION RECONSTITUTION	Use 0.5 M acetic acid, pH 2.5. Dissolved collagen retains the immunologic properties of native collagen. The structure of native collagen is confirmed by the ability to form microfibrils.
APPLICATION	Used for coating material for cell culture studies.
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.

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