

Human Collagen Type II
Catalog Number 8052019

For research use only

DESCRIPTION	Human Collagen Type II protein purified from human cartilage.
FORM	Lyophilized, salt free, 0.1 mg /vial
SOURCE	Human cartilage. Collagen was extracted from washed dissected tissue into dilute acetic acid after pepsin treatment. Collagen type II was purified by using differential salt precipitation.
PURITY	Human Collagen Type II > 95% Partial pepsin digestion in acidic conditions and differential salt precipitation.
PURIFICATION 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.
APPLICATION	Used for coating material for cell culture studies and ELISA.
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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