

Native Human Collagen Type IV

Cat. No. COL5-136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Collagen IV, derived from human fibroblasts and epithelial cells in a co-culture system, creates an in vitro ECM (extracellular matrix) and serves as an excellent biological scaffold for three dimensional cell culture.
Species	Human
Description	Collagen IV is a heterotrimeric molecules containing two $\alpha 1$ -like and one $\alpha 2$ -like chain. It is considered essential for completion of embryogenesis and is necessary for proper tissue organization and structural integrity. It is used in vitro as a substrate to enhance adherence and proliferation of many cell types. Produced by human fibroblasts and epithelial cells, Collagen IV is then purified biochemically and provided as a sterile solution at a concentration of 0.3mg/ml in 25% acetic acid.
Form	Liquid
Storage	The product is shipped on dry ice and storage at -20 °C is recommended. Under these conditions the product is stable for least 2 years.
Concentration	0.3 mg/mL

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