

Native Bovine COLV Protein

Cat. No. COLV-19B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Bovine Collagen Type V from bovine placenta (atelocollagen).
Species	Bovine
Source	Bovine placenta
Description	Type V collagen (COLV) is a regulatory fibril-forming collagen. It has at least three different molecular isoforms- $\alpha 1(V)2\alpha 2(V)$, $\alpha 1(V)3$, and $\alpha 1(V)\alpha 2(V)\alpha 3(V)$ -formed by combinations of three different polypeptide α chains- $\alpha 1(V)$, $\alpha 2(V)$, and $\alpha 3(V)$. COL V is a relatively minor collagen of the extracellular matrix (ECM).
Form	Lyophilized, salt free, sterile 1 mg/vial
Purity	Bovine Collagen Type V (Atelocollagen) > 98%
Applications	Cell culture (coating)
Storage	Lyophilized protein: shipping at ambient temperature, long term storage (2 years) at -20 centigrade or lower. Storage of reconstituted protein 1 month at +4 centigrade
Reconstitution	Reconstitution: Dissolve in 20 mM acetic acid. Suspension should be shaken or stirred for several hours or overnight between 2-8 centigrade. Material is dissolved when it appears homogeneous, with no schlieren pattern (light refraction due to differing protein concentrations in the suspension). Recommended concentration 1-5 mg/ml. After dissolution store 1 month at +4 centigrade.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Official Symbol	COLV
Synonyms	Collagen Type V; Atelocollagen; COLV