

Native Ocean Fish Collagen Peptide

Cat. No. Collagen-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Ocean Fish Collagen Peptide
Species	Ocean Fish
Description	Collagen type IV is a type of collagen found primarily in the basal lamina. The type IV collagen C4 domain at the C-terminus is not removed in post-translational processing, and the fibers link head-to-head, rather than in parallel. Also, collagen type IV lacks the regular glycine in every third residue necessary for the tight, collagen helix. This makes the overall arrangement more sloppy with kinks. These two features cause collagen IV to form in a sheet, the form of the basal lamina. There are six human genes associated with collagen IV: COL4A1, COL4A2, COL4A3, COL4A4, COL4A5 and COL4A6.
Form	Liquid (sterile filtered), 0.5 M Acetic Acid / Lyophilized powder.
Purity	This product has been prepared from human placenta and is chromatographically and immunologically pure. This product is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. This product reacts with anti-Collagen Type IV. Reaction with Rockland's anti-Collagen I, II, III, V or VI is negligible (typically less than 1% cross-reactivity was detected by ELISA).
Applications	ELISA : 1:10,000 Western Blot : 1:1000 Immunohistochemistry: 1:100-1:500 Other Dilution: User Optimized
Storage	Store vial at 2-30°C.

 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

Concentration	1.0 mg/mL by dry weight
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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