

Recombinant Human COL18A1 Protein (1578-1754 aa), His-tagged

Cat. No. COL18A1-1367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL18A1 Protein (1578-1754 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Adhesion. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	1578-1754 aa
Description	COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potentially inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	21.3 kDa
AA Sequence	QPV LHLVALNSPLSGGMRGIRGADFQCFQQARAVGLAGTFRAFLSSRLQDLYSIVR RADRAAVPIVNLKDELLFPSWEALFSGSEGPLKPGARIFSF DGKDVL RHPTWPQKSV WHGSDPNGRRLTESYCETWRTEAPSATGQASSLLGGRLLGQSAASCHHAYIVLCIE NSFMTASK

 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

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

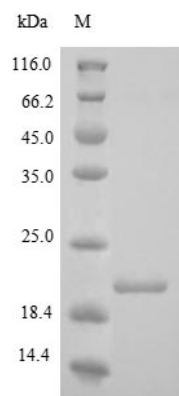
GENE INFORMATION

Gene Name	COL18A1 collagen, type XVIII, alpha 1 [Homo sapiens]
Official Symbol	COL18A1
Synonyms	COL18A1; KNO1; KS; KNO; FLJ27325; FLJ34914; MGC74745;
Gene ID	80781
mRNA Refseq	NM_030582
Protein Refseq	NP_085059
MIM	120328
UniProt ID	P39060

 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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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