

Collagen Type XVIII (COL18) Recombinant Protein | COL18 recombinant protein

Recombinant Collagen Type XVIII (COL18)

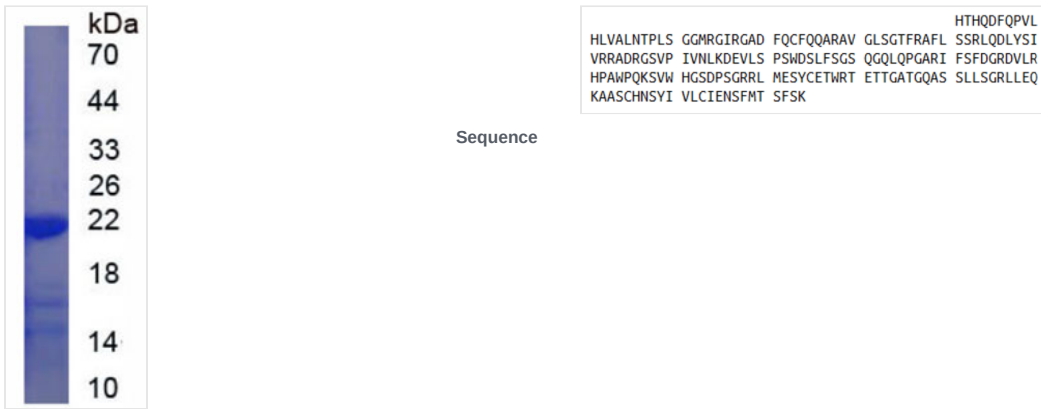
CATALOG # AAA134275	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Collagen Type XVIII (COL18); Recombinant Collagen Type XVIII (COL18); COL18 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose
Concentration	Original Concentration: 450ug/mL (varies by lot)
Applicable Applications for COL18 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His1591~Lys1774
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	9.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	158508560
NCBI GeneID	12822
NCBI Accession #	NP_001103461.1
NCBI GenBank Nucleotide #	NM_001109991.1
UniProt Accession #	P39061; Q60672; Q61434; Q61437; Q62001; Q62002; Q6NZK9; Q6P1Y4; Q8CCZ8; Q9CRT2; Q9JK63
Molecular Weight	Predicted Molecular Mass: 21.9kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	collagen alpha-1(XVIII) chain isoform 1
NCBI Official Synonym Full Names	collagen, type XVIII, alpha 1
NCBI Official Symbol	Col18a1
NCBI Protein Information	collagen alpha-1(XVIII) chain; collagen alpha-1(XVIII) chain; endostatin; procollagen, type XVIII, alpha 1
UniProt Protein Name	Collagen alpha-1(XVIII) chain
UniProt Gene Name	Col18a1
UniProt Entry Name	COIA1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.