

Collagen Type VI Alpha 1 (COL6a1) Recombinant Protein | COL6a1 recombinant protein

Recombinant Collagen Type VI Alpha 1 (COL6a1)

CATALOG # AAA133889	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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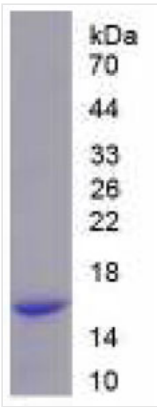
PRODUCT SYNONYMS

Collagen Type VI Alpha 1 (COL6a1); Recombinant Collagen Type VI Alpha 1 (COL6a1); COL6a1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 120ug/mL (varies by lot)
Sequence	NLVWNAGALH YSDEVEIIRG LTRMPSGRDE LKASVDAVKY FGKGTYPDCA IKKGLEELLI GGSHLKENKY LIVVTDGHPL EGYKEPCGGL EDAVNEAKHL GIKVFSVAIT PDHLEPRLSI IATDHTYRRN F
Applicable Applications for COL6a1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn82~Phe212
Tags	N-terminal His Tag
Subcellular Location	Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 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.

IMAGES



SDS-PAGE
SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753484
NCBI GeneID	12833
NCBI GenBank Nucleotide #	NM_009933.4
Molecular Weight	Predicted Molecular Mass: 15.8kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	collagen alpha-1(VI) chain
NCBI Official Synonym Full Names	collagen, type VI, alpha 1
NCBI Official Symbol	Col6a1
NCBI Official Synonym Symbols	Col6a-1; AI747156
NCBI Protein Information	collagen alpha-1(VI) chain; collagen alpha-1(VI) chain; procollagen, type VI, alpha 1
UniProt Protein Name	Collagen alpha-1(VI) chain
UniProt Gene Name	Col6a1
UniProt Entry Name	CO6A1_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.

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Online datasheet: <https://stage.aaabiotech.com/col6a1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133889>