

Collagen Type III Alpha 1 (COL3a1) Recombinant Protein | COL3a1 recombinant protein

Recombinant Collagen Type III Alpha 1 (COL3a1)

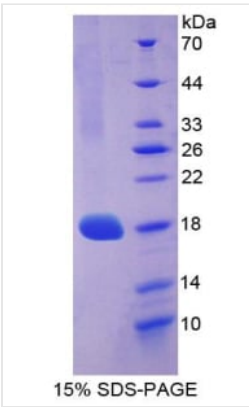
CATALOG # AAA134747	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Collagen Type III Alpha 1 (COL3a1); Recombinant Collagen Type III Alpha 1 (COL3a1); COL3a1 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: 200ug/mL (varies by lot)
Applicable Applications for COL3a1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp1224~Lys1371
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Usage	Reconstitute in ddH2O 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.



Sequence

DFKINTE EIMSSLKSVN QQIESLISPD
GSRKNPARNC RDLKFCHPEL KSGEYVWDPN QGCKMDAIKV FCNMETGETC
INASPNTVPR KHWMTDSGAE KKHVWFGESE NGGFQFSYGP PDLPEVVDV
QLAFLRLSS RASQNITYHC K

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	81886170
Molecular Weight	Predicted Molecular Mass: 18.0kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Procollagen, type III, alpha 1
UniProt Protein Name	Collagen, type III, alpha 1
UniProt Gene Name	Col3a1
UniProt Entry Name	Q7TT32_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.