Recombinant Mouse Col6a1 Protein, His-tagged

Cat. No. Col6a1-344M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Col6a1(Thr816~Arg1002) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr816~Arg1002
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	21.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	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 centigrade 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.

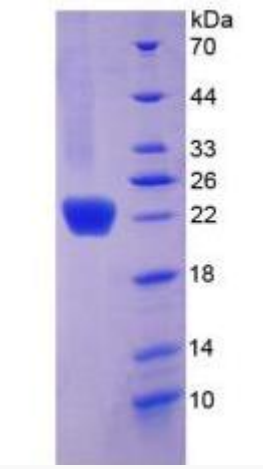
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Col6a1 collagen, type VI, alpha 1 [Mus musculus]
Official Symbol	Col6a1
Synonyms	COL6A1; collagen, type VI, alpha 1; collagen alpha-1(VI) chain; procollagen, type VI, alpha 1; Col6a-1; AI747156;
Gene ID	12833
mRNA Refseq	NM_009933
Protein Refseq	NP_034063
UniProt ID	Q04857

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