Recombinant Mouse Col10a1 Protein, His-tagged

Cat. No. Col10a1-350M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Col10a1(Thr547~Met680) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr547~Met680
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	16.29kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
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 PBS or others

GENE INFORMATION

Gene Name	Col10a1 collagen, type X, alpha 1 [Mus musculus]
Official Symbol	Col10a1
Synonyms	COL10A1; collagen, type X, alpha 1; collagen alpha-1(X) chain; procollagen, type X, alpha 1; Col10a-1;
Gene ID	12813
mRNA Refseq	NM_009925
Protein Refseq	NP_034055
UniProt ID	Q05306

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