

Recombinant Mouse Col8a1 Protein, His-tagged

Cat. No. Col8a1-338M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Col8a1(Glu583~Pro743) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu583~Pro743
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.3kDa
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.
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Reconstitution	Reconstitute in PBS or others
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GENE INFORMATION

Gene Name	Col8a1 collagen, type VIII, alpha 1 [Mus musculus]
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Official Symbol	Col8a1
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Synonyms	COL8A1; collagen, type VIII, alpha 1; collagen alpha-1(VIII) chain; procollagen type VIII alpha 1; procollagen, type VIII, alpha 1; Col8a-1;
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Gene ID	12837
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mRNA Refseq	NM_007739
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Protein Refseq	NP_031765
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UniProt ID	Q00780
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