

Recombinant Mouse Mmp13 protein, His-tagged

Cat. No. Mmp13-731M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mmp13 aa. (Val66~Gly238 (Accession# P33435)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val66~Gly238
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
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°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.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.

Reconstitution Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name [Mmp13 matrix metalloproteinase 13 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Mmp13](#)

Synonyms Clg; Mmp1; MMP-13; collagenase-1; interstitial collagenase; matrix metalloproteinase 13

Gene ID [17386](#)

mRNA Refseq [NM_008607.2](#)

Protein Refseq [NP_032633.1](#)

UniProt ID [P33435](#)

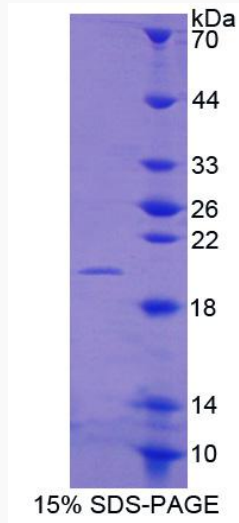
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SDS-PAGE



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