

Recombinant Rat Mmp13 protein, His-tagged

Cat. No. Mmp13-734R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp13 aa. (Arg62~His217 (Accession# P23097)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg62~His217
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
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 ddH ₂ O.

GENE INFORMATION

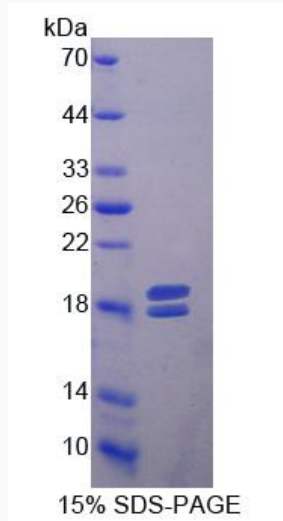
Gene Name	Mmp13 matrix metalloproteinase 13 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Mmp13
Synonyms	MMP-13; UMRCASE; interstitial collagenase; matrix metalloproteinase-13
Gene ID	171052
mRNA Refseq	NM_133530.1
Protein Refseq	NP_598214.1
UniProt ID	P23097

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SDS-PAGE



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