

Recombinant Rat Mmp10 protein, His & T7-tagged

Cat. No. Mmp10-728R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp10 aa. (Glu154~Thr465 (Accession # P07152)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu154~Thr465
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	Mmp10 matrix metalloproteinase 10 [Rattus norvegicus (Norway rat)]
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Official Symbol	Mmp10
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Synonyms	MMP-10; SL-2; matrix metalloproteinase-10; transformation-associated protein 34A; transin-2
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Gene ID	117061
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mRNA Refseq	NM_133514.1
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Protein Refseq	NP_598198.1
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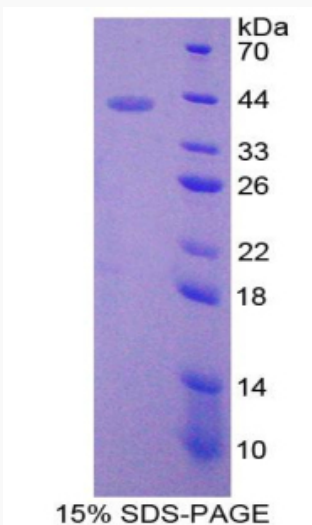
UniProt ID	P07152
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SDS-PAGE



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