

## Recombinant Rat Mmp12 Protein, His-tagged

Cat. No. Mmp12-602R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Mmp12(Val20~Arg99) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val20~Arg99
<b>Description</b>	Mmp12 played an important role in many functions.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	10.5kDa
<b>Identity</b>	Reconstitute in PBS or others
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

**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**

[Mmp12 matrix metalloproteinase 12 \[ Rattus norvegicus \]](#)

**Official Symbol**

[Mmp12](#)

**Synonyms**

MMP12; matrix metalloproteinase 12; macrophage metalloelastase; MMP-12; matrix metalloproteinase 12; matrix metalloproteinase-12; Mme;

**Gene ID**

[117033](#)

**mRNA Refseq**

[NM\\_053963](#)

**Protein Refseq**

[NP\\_446415](#)

**UniProt ID**

[Q63341](#)

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