

Recombinant Mouse Mmp2 protein, His-tagged

Cat. No. Mmp2-2164M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mmp2 protein(NP_032636.1)(Met409-Cys662), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met409-Cys662
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse Mmp2 consists 273 amino acids and predicts a molecular mass of 30.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Mmp2 matrix metalloproteinase 2 \[Mus musculus \]](#)

Official Symbol [Mmp2](#)

Synonyms MMP2; matrix metalloproteinase 2; 72 kDa type IV collagenase; gelatinase A; 72kD gelatinase; 72kDa gelatinase; 72 kDa gelatinase; 72kD type IV collagenase; 72kDa type IV collagenase; matrix metalloproteinase 2; matrix metalloproteinase-2; GelA; Clg4a; MMP-2;

Gene ID [17390](#)

mRNA Refseq [NM_008610](#)

Protein Refseq [NP_032636](#)

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