

Recombinant Mouse Mmp12 protein, His-tagged

Cat. No. Mmp12-533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mmp12 (Ala29-Cys473), fused with His tag at C-terminal, was expressed in Human Cells.
Species	Mouse
Source	Human Cells
ProteinLength	Ala29-Cys473
Form	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4
AA Sequence	<p>APMNDSEFAEWYLSRFYDYGKDRIPMTKTKTNRNFLKEKLQEMQQFFGLEATGQLD NSTLAIMHIPRCGVPDVQH LRAVPQRSRWMKRYLTYRIYNYTPDMKREDVDYIFQK AFQVWSDVTPLRFRKLHKDEADIMILFAFGAHGDFNYF DGKGGTLAHAFYPGPGIQ GDAHFDEAETWTKSFQGTNLFLVAVHELGHSLGLQHSNNPKSIMYPTYRYLNPSTF R LSADDIRNIQSLYGAPVKPPSLTKPSSPPSTFCHQSLSFDAVTTVGEKIFFFKDWFF WWKLPGSPATNITSISSI WPSIPSGIQAAYEIESRNQLFLFKDEKYWLINNLVPEPHY PRSIYSLGFSASVKKVDAAVFDPLRQKVYFFVDKH YWRYDVRQELMDPAYPKLIST HFPGIKPKIDAVLYFKRHYYIFQGAYQLEYDPLFRRVTKTLKSTSWFGCVDHHH HHH</p>
Endotoxin	Less than 0.1 ng/g (1 IEU/g).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at < -20 centigrade, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Shipping The product is shipped on dry ice/ice packs.

GENE INFORMATION

Gene Name [Mmp12 matrix metalloproteinase 12 \[Mus musculus \]](#)

Official Symbol Mmp12

Synonyms MMP12; matrix metalloproteinase 12; macrophage metalloelastase; MME; MMP-12; macrophage elastase; macrophage-metalloelastase; matrix metalloproteinase 12; matrix metalloproteinase-12; Mmel; AV378681;

Gene ID [17381](#)

mRNA Refseq [NM_008605](#)

Protein Refseq [NP_032631](#)

UniProt ID P34960

Chromosome Location 9 A1; 9 2.46 Cm

Pathway Matrix Metalloproteinases, organism-specific biosystem;

Function calcium ion binding; hydrolase activity; metal ion binding; metalloendopeptidase activity; metalloproteinase activity; peptidase activity; zinc ion binding;

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