

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	APMNDSEFAEWYLSRFYDYGKDRI PMTKTKTNRNFLKEKLQEMQQFFGLEATGQLD NSTLAIMHIPRCGVPDVQH LRAVPQRSRW MKRYLTYRIYNYTPDMKREDVDYIFQK AFQVWSDVTPLRFRKLHKDEADIMILFAFGAHGDFNYF DGKGGTLAHAFYPGPGIQ GDAHFDEAETWTKSFQGTNLFLVAVHELGHSLGLQHSNNPKSIMYPTYRYLNPSTF R LSADDIRNIQSLYGAPVKPPSLTKPSSPPSTFCHQSLSFDAVTTVGEKIFFFKDWFF WWKLPGSPATNITSISSI WPSIPSGIQAAYEIESRNQLFLFKDEKYWLINNLVPEPHY PRSIYSLGFSASVKKVDAAVFDPLRQKVYFFVDKH YWRYDVRQELMDPAYPKLIST HFPGIKPKIDAVLYFKRHYYIFQGAYQLEYDPLFRRVTKTLKSTSWFGCVDHHH HHH
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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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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