Recombinant Mouse Mmp8, His-tagged

Cat. No. Mmp8-523M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse MMP8 (NP_032637.3) (Met1-Ser465) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	CHO
ProteinLength	Met1-Ser465
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse MMP8 comprises 456 amino acids and has a predicted molecular mass of 52.2 kDa. The apparent molecular mass of the protein is approximately 57 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Storage	Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Mmp8 matrix metallopeptidase 8 [Mus musculus]
Official Symbol	Mmp8
Synonyms	MMP8; matrix metallopeptidase 8; neutrophil collagenase; MMP-8; collagenase 2; collagenase-2; matrix metalloproteinase 8; matrix metalloproteinase-8; BB138268;
Gene ID	17394
mRNA Refseq	NM_008611
Protein Refseq	NP_032637
Pathway	Matrix Metalloproteinases, organism-specific biosystem;
Function	calcium ion binding; hydrolase activity; metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; serine-type endopeptidase activity; zinc ion binding;

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