

Recombinant Mouse MMP9 protein(Met1-Pro730)

Cat. No. Mmp9-1188M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MMP9 protein(P41245-1)(Met1-Pro730) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro730
similar	MMP9
Alias	MMP9; matrix metalloproteinase 9; matrix metalloproteinase-9; GELB; Gel B; gelatinase B; 92kD gelatinase; 92kDa gelatinase; 92 kDa gelatinase; collagenase type IVB; 92kD type IV collagenase; 92kDa type IV collagenase; 92 kDa type IV collagenase; matrix metalloproteinase 9; Clg4b; MMP-9; B/MMP9; AW743869; pro-MMP-9;
Conjugate	N/A
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The secreted pro form of recombinant mouse MMP9 consists of 710 amino acids

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	and has a predicted molecular mass of 78.4 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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.
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.
GeneName	Mmp9 matrix metalloproteinase 9 [Mus musculus]
GeneNameWeblink	17395
OfficialSymbol	MMP9
OfficialSymbolWeblink	17395
GenelD	17395
GenelDWeblink	17395
mRNARefseq	NM_013599
mRNARefseqWeblink	NM_013599.2
ProteinRefseqWeblink	NP_038627.1

MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	MMP9; matrix metalloproteinase 9; matrix metalloproteinase-9; GELB; Gel B; gelatinase B; 92kD gelatinase; 92kDa gelatinase; 92 kDa gelatinase; collagenase type IVB; 92kD type IV collagenase; 92kDa type IV collagenase; 92 kDa type IV collagenase; matrix metalloproteinase 9; Clg4b; MMP-9; B/MMP9; AW743869; pro-MMP-9;
MIM	

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