

MMP2 Proenzyme Recombinant Protein | MMP2 recombinant protein

MMP2 Proenzyme protein

CATALOG # AAA75356	HOST Human
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PRODUCT SYNONYMS

MMP2 Proenzyme; MMP2 Proenzyme protein; MMP 2; MMP-2 Proenzyme Protein; MMP2; MMP 2 Proenzyme Protein; MMP 2 protein; MMP-2; MMP-2 protein; Matrix Metalloproteinase 2 Protein; MMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 90% pure
Form/Format	150mM NaCl, 20mM Tris-HCl, 5mM CaCl ₂ , with 0.05% BRIJ -35 Detergent, pH 7.4.
Concentration	0.373 mg/ml (varies by lot)
Sequence Length	758
Protein Type	Recombinant
Biological Significance	72 kDa type IV collagenase also known as matrix metalloproteinase-2 (MMP-2) and gelatinase A is an enzyme that in humans is encoded by the MMP2 gene. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis.
Expression System	CHO cells
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Aliquot and store at -70 degree C or lower. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for MMP2 recombinant protein	Purified recombinant Human MMP2 Proenzyme protein
Product Categories/Family for MMP2 recombinant protein	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	45552531
NCBI GeneID	35997
NCBI Accession #	NP_995788.1
NCBI GenBank Nucleotide #	NM_206066.2
UniProt Accession #	Q8MPP3
Molecular Weight	72 kDa
NCBI Official Full Name	matrix metalloproteinase 2, isoform B

NCBI Official Synonym Full Names	Matrix metalloproteinase 2
NCBI Official Symbol	Mmp2
NCBI Official Synonym Symbols	2-MMP; anon-WO0118547.84; CG1794; dm-2MMP; Dm2-MMP; DmelCG1794; dmmp2; I(2)02353; mmp2; MMP2
NCBI Protein Information	CG1794 gene product from transcript CG1794-RB
UniProt Protein Name	FI21212p1
UniProt Gene Name	Mmp2
UniProt Entry Name	Q8MPP3_DROME

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mmp2-recombinant-protein-human/75356>