

Matrix Metalloproteinase 9 (MMP9) Protein | MMP9 protein

Eukaryotic Matrix Metalloproteinase 9 (MMP9)

CATALOG # AAA147107	HOST Yeast	APPLICATIONS Western Blot, SDS-Page
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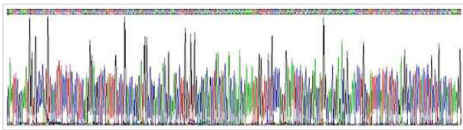
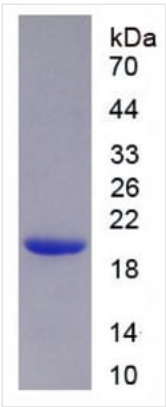
PRODUCT SYNONYMS

Matrix Metalloproteinase 9 (MMP9); Eukaryotic Matrix Metalloproteinase 9 (MMP9); MMP9 protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for MMP9 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Eukaryotic expression
Residues	Ala226~Asp391
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	4.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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ANGAP CHFPTFEGR SYLSCSTDGR
NDGKPCWGT ADYDTRKYG FCPSENLYTE HGNGDGKPCV FPFIFEGHSY
SACTTKGRSD GYRWATTAN YDQKADGFC PTRADVTVTG GNSAGEMCVF
PFVFLGQYS TCTSEGRSDG RLWCATTSNF DADKKWGFCD
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for MMP9 protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74272287
NCBI GeneID	4318
NCBI Accession #	NP_004985.2
NCBI GenBank Nucleotide #	NM_004994.2
UniProt Accession #	P14780; Q3LR70; Q8N725; Q9H4Z1; Q9UCJ9; Q9UCL1; Q9UDK2; B2R7V9
Molecular Weight	Predicted Molecular Mass: 19.6kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	MMP9
NCBI Official Synonym Symbols	GELB; CLG4B; MMP-9; MANDP2
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	CLG4B; MMP-9; GELB

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.