

Matrix Metalloproteinase 9 Recombinant Protein | MMP9 recombinant protein

Recombinant Matrix Metalloproteinase 9 (MMP9)

CATALOG # AAA144021	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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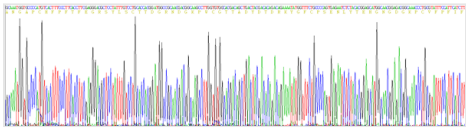
PRODUCT SYNONYMS

Matrix Metalloproteinase 9; Recombinant Matrix Metalloproteinase 9 (MMP9); MMP9 recombinant protein

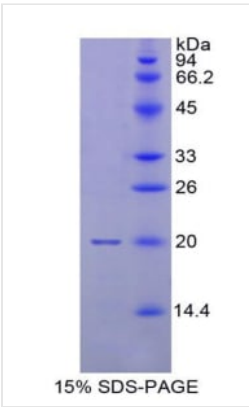
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for MMP9 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala226~Asp391
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
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 degree C for one month. Aliquot and store at -80 degree 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 degree 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



Application Data



SDS-PAGE

ANGAP CHFPTFEGR SYLSCTTDGR
NDGKPNCGTT ADYDTRKYG FCPSENLYTE HGNGDGKPCV FPFIFEGHSY
SACTTKGRSD GYRWATTAN YDQKADGFC PTRADVTVTG GNSAGEMCVF
PFVFLGQYS TCTSEGRSDG RLWCATTSNF DADKKWGFCP D

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978992
NCBI GeneID	403885
NCBI Accession #	NP_001003219.1
NCBI GenBank Nucleotide #	NM_001003219.2
Molecular Weight	Predicted Molecular Mass: 19.5kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	matrix metalloproteinase-9
NCBI Official Symbol	MMP9
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	MMP9
UniProt Synonym Gene Names	MMP-9; GELB
UniProt Entry Name	MMP9_CANFA

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://www.aaabiotech.com/mmp9-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144021>