Matrix metalloproteinase-9 (MMP9) Recombinant Protein | MMP9 recombinant protein

Recombinant Human Matrix metalloproteinase-9 (MMP9) , partial

CATALOG #	HOST
AAA81658	**E Coli or Yeast or Baculovirus or Mammalian Cell**

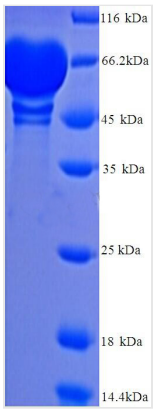
PRODUCT SYNONYMS

Matrix metalloproteinase-9 (MMP9); Recombinant Human Matrix metalloproteinase-9 (MMP9); partial; MMP9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	47-358aa
Sequence	FQTFEGDLKW HHHNITYWIQ NYSEDLPRAV IDDAFARAFA LWSAVTPLTF TRVYSRDADI VIQFGVAEHG DGYPFDGKDG LLAHAFPPGP GIQGDAHFDD DELWSLGKGV VVPTRFGNAD GAACHFPFIF EGRSYSACTT DGRSDGLPWC STTANYDTDD RFGFCPSERL YTQDGNADGK PCQFPFIFQG QSYSACTTDG RSDGYRWCAT TANYDRDKLF GFCPTRADST VMGGNSAGEL CVFPFTFLGK EYSTCTSEGR GDGRLWCATT SNFDSDKKWG FCPDQGYSLF LVAAHEFGHA LGLDHSSVPE ALMYPMYRFT EGPPLHKDDV NGIRHLYGPR PEPEPRPPTT TTPQPTAPPT VCPTGPPTVH PSERPTAGPT GPPSAGPTGP PTAGPSTATT VPLSPVDDAC NVNIFDAIAE IGNQLYLFKD GKYWRFSEGR GSRPQGPFLI ADKWPALPRK LDSVFEERLS KKLFFFSGRQ VWVYTGASVL GPRRLDKLGL GADVAQVTGA LRSGRGKMLL FSGRRLWRFD VKAQMVDPRS ASEVDRMFPG VPLDTHDVFQ YREKAYFCQD RFYWRVSSRS ELNQVDQVGY VTYDILQCPE D
Sequence Length	707
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MMP9 recombinant protein	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. Most MMP s are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling.
Product Categories/Family for MMP9 recombinant protein	Developmental Biology

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	68.6 kDa
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 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.

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Online datasheet: https://stage.aaabiotech.com/mmp9-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81658