

MMP9 recombinant protein

Recombinant Human MMP9 Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263241	Human cells	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

MMP9; Recombinant Human MMP9 Protein; CLG4B; Matrix metalloproteinase-9; MMP-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB; MMP9 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Liquid in a 0.2 uM filtered solution of 20mM Tris-HCl, 2mM CaCl ₂ , 150mM NaCl, 0.05% Brij35, pH7.5.
Sequence	AAPRQRQSTL VLFPGDLRTN LTDRQLAEEY LYRYGYTRVA EMRGESKSLG PALLLLQKQL SLPETGELDS ATLKAMRTPR CGVPDLGRFQ TFEGDLKWHH HNITYWQNY SEDLPRAVID DAFARAFALW SAVTPLTFTR VYSRDADIVI QFGVAEHGDG YPFDGKDGLL AHAFPPGPGI QGDAHFDDE LWSLGKGVVW PTRFGNADGA ACHFPFIFEG RSYSACTTDG RSDGLPWCST TANYDTDDR FFCPSERLYT RDGNADGKPC QFPFIFQGQS YSACTTDGRS DGYRWCATTA NYDRDKLFGF CPTRADSTVM GGNSAGELCV FPFTFLGKEY STCTSEGRGD GRLWCATTSN FSDKKWGFC PDQGYSLFLV AAHEFGHALG LDHSSVPEAL MYPMYRFTEG PPLHKDDVNG IRHLYGPRPE PEP RPPTTTT PQPTAPPTVC PTGPPTVHPS ERPTAGPTGP PSAGPTGPPT AGPSTATTVP LSPVDDACNV NIFDAIAEIG NQLYLFKDGK YWRFSEGRGS RPQGPFLIAD KWPALPRKLD SVFEEPLSKK LFFFSGRQVW VYTGASVLGP RRLDKLGLGA DVAQVTGALR SGRGKMLLFS GRRLWRFDVK AQMVDP RSAS EVD RMFPGVP LDTHDVFQYR EKAYFCQDRF YWRVSSRSEL NQVDQVG YVT YDILQC PEDV DHHHHHH
Sequence Length	707
Applicable Applications for MMP9 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for MMP9 recombinant protein	Recombinant Human MMP9 Protein is produced by our mammalian expression system and the target gene encoding Ala19-Asp707 is expressed with a 6His tag at the C-terminus.
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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
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
UniProt Entry Name	MMP9_HUMAN

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-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263241>