

RPPB1966

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## Product Information    Protein Information

**Product SKU:**

RPPB1966

**Accession:**

P14780

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

MMP9 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 694 amino acids (20-707a.a.) and having a molecular mass of 77.1 kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). MMP9 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Matrix metalloproteinase-9, MMP-9, 92 kDa gelatinase, Gelatinase B, GELB, MMP9, CLG4B.

**Formulation:**

MMP9 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

APRQRQSTLV LFPGLRNTL TDRQLAEEYL YRYGYTRVAE MRGESKSLGP ALLLLQKQLS LPETGELDSA  
TLKAMRTPRC GVPDLGRFQTFEGDLKWHHH NITYWIQNYS EDLPRAVIDD AFARAFALWS AVTPLTFTRV  
YSRDADIVIQ FGVAEHGDGY PFDGKDGLLA HAFPPGPGIQ GDAHFDDEL WSLGKGVVVP TRFGNADGAA  
CHFPIFEGR SYSACTDGR SDGLPWCSTT ANYDTDRFG FCPSELYTQ DGNADGKPCQ FPFIFQGQSY  
SACTTDGRSD GYRWCATTAN YDRDKLFGFC PTRADSTVMG GNSAGELCVF PFTFLGKEYS TCTSEGRGDG  
RLWCATTSNF DSDKKWGFPC DQGYSFLVA AHEFGHALGL DHSSVPEALM YPMYRFTTEG PLHKDDVNGI  
RHLYGPRPEP EPRPPTTTP QPTAPPTVCP TGPPTVHPSE RPTAGPTGPP SAGPTGPPTA GPSTATTVPL  
SPVDDACNVN IFDAIAEIGN QLYLFKDGKY WRFSEGRGSR PQGPFLIADK WPALPRKLD S VFEERLSKLL  
FFFSGRQVWV YTGASVLGPR RLDKLGAD VAQVTGALRS GRGKMLLFSG RRLWRFDVKA QMVDPRSASE  
VDRMFPGVPL DTHDVFQYRE KAYFCQDRFY WRVSSRSELN QVDQVGYVTY DILQCPEDHH HHHH.