

Mouse MMP2 Recombinant Protein



RPPB1957

Product Information Protein Information

Product SKU:

RPPB1957

Accession:

P33434

Host:

Sf9, Baculovirus cells.

Protein description:

MMP2 Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 644 amino acids (30-662 aa) and having a molecular mass of 72.4kDa. MMP2 is fused to a 11 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

72 kDa type IV collagenase, 72 kDa gelatinase, Gelatinase A, Matrix metalloproteinase-2, MMP-2, TBE-1, MMP2, CLG4A, CLG4, MONA, MMP-II.

Formulation:

The MMP2 solution (0.25 mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

Purity:

Greater than 85.0% 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:

ADPEFAPSPI IKFPGDVAPK TDKELAVQYL NTFYGCPKES CNLFLVKDTL KKMQKFFGLP QTGDLDQNTI
ETMRKPRCGN PDVANYNFFP RPKKWDKNQI TYRIIGYTPD LPETVDDAF ARALKVWSDV TPLRFSRIHD
GEADIMINFG RWEHGDGYPF DGKDGLLAHA FAPGTGVGGD SHFDDDELWT LGEGQVVRVK YGNADGEYCK
FPFLFNGREY SSCTDTGRSD GFLWCSTYIN FEKDGKYGFC PHEALFTMGG NADGQPCFKP FRFQGTSYNS
CTTEGRTDGY RWC GTTEDYD RDKKYGFCPE TAMSTVGGNS EGAPCVFPFT FLGNKYESCT SAGRNDGKVV
CATTNYDDD RKWGFCDQG YSLFLVAAHE FGHAMGLEHS QDPGALMAPI YTYTKNFRLS HDDIKIQEL
YGSPDADTD TGTGPTPTLG PVTPEICKQD IVFDGIAQIR GEIFFFKDRF IWRTVTPRDK PTGPLLVATF
WPELPEKIDA VYEAPQEEKA VFFAGNEYWV YSASTLERGY PKPLTSLGLP PDVQQVDAAF NWSKNKTYI
FAGDKFWRYN EVKKKMDPGF PKLIADSWNA IPDNLDAVVD LQGGGHSYFF KGAYYLKLEN QSLKSVKFGS
IKSDWLGCCH HHHH