

# Human MMP2 Recombinant Protein



RPPB1956

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## Product Information    Protein Information

**Product SKU:**

RPPB1956

**Accession:**

P08253

**Host:**

Escherichia Coli.

**Protein description:**

MMP2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 576 amino acids (110-660a.a) and having a molecular mass of 64.7kDa. MMP2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

The MMP2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

**Purity:**

Greater than 95% 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:**

MGSSHHHHHH SGLVPRGSH MGSEFYNFFP RPKKWDKNQI TYRIIGYTPD LDPETVDDAF ARAFQVWSDV  
TPLRFSRIHD GEADIMINFG RWEHGDGYPF DGKDGLLAHA FAPGTGVGGD SHFDDDELWT LGEGQVVRVK  
YGNADGEYCK FPFLFNGKEY NSCTDTGRSD GFLWCSTTYN FEKDGKYGFC PHEALFTMGG NAEGQPCKFP  
FRFQTSYDS CTTEGRTDGY RWCJTTEYD RDKKYGFCPE TAMSTVGGNS EGAPCVFPFT FLGNKYESCT  
SAGRSDGKMW CATTANYDDD RKGWFCPDQG YSLFLVAAHE FGHAMGLEHS QDPGALMAPI YTYTKNFRSL  
QDDIKGIQEL YGASPDIDLG TGPTPLGPV TPEICKQDIV FDGIAQIRGE IFFKDRFIW RTVTPRDKPM  
GPLLVATFWP ELPEKIDAVY EAPQEEKAVF FAGNEYWIYS ASTLERGYPK PLTSLGLPPD VQRVDAAFNW  
SKNKKTYIFA GDKFWRYNEV KKKMDPGFPK LIADAWNAIP DNLDAVVDLQ GGGHSYFFKG AYYLKLENQS  
LKSVKFGSIK SDWLGC.