

Human MMP 1 Recombinant Protein



RPPB1951

Product Information Protein Information

Product SKU:

RPPB1951

Accession:

P03956

Host:

Escherichia Coli.

Protein description:

MMP 1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 393 amino acids (100-469a.a) and having a molecular mass of 45kDa. MMP 1 is fused to a 23 amino acid His-tag at N-terminus.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

CLG, CLGN, Matrix metalloproteinase-1, MMP-1.

Formulation:

The MMP 1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

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:

MGSSHHHHHH SGLVPRGSH MGSFVLTEGN PRWEQTHLTY RIENYTPDLP RADVDHAIK AFQLWSNVTP
LTFTKVSEGG ADIMISFVRG DHRDNPFDPG PGGNLAHAFQ PGPGIGGDAH FDEDERWTNN FREYNLHRVA
AHELGHSLGL SHSTDIGALM YPSYTFSGDV QLAQDDIDGI QAIYGRSQNP VQPIGPQTPK ACDSKLTFDA
ITTIRGEVMF FKDRFYMRTN PFYPEVELNF ISVFWPQLPN GLEAAYEFAD RDEVRFKGN KYWAVQGQNV
LHGYPKDIYS SFGFPRTVKH IDAALSEENT GKTYFFVANK YWRYDEYKRS MDPGYPKMIA HDFPGIGHKV
DAVFMKDGFF YFFHGTRQYK FDPKTKRILT LQKANSWFNC RKN.