

Human MMP 13 Recombinant Protein



RPPB1954

Product Information Protein Information

Product SKU:

RPPB1954

Accession:

P45452

Host:

Escherichia Coli.

Protein description:

MMP-13 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 391 amino acids (104-471 a.a.) and having a molecular mass of 44.7 kDa. MMP-13 is fused to a 23 amino acid His Tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

CLG3, MANDP1, Matrix metalloproteinase-13, MMP-13, MMP13.

Formulation:

The MMP-13 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 0.15M NaCl and 1mM DTT.

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 MGSYNVFPRT LKWSKMNLTY RIVNYTPDMT HSEVEKAFKK AFKVWSDVTP
LNFTRLHDGI ADIMISFGIK EHGDFYFPDG PSGLLAHAFP PGPNYGGDAH FDDDETWTSS SKGYNLFLVA
AHEFGHSLGL DSKDPGALM FPIYTYGKS HFMLPDDDVQ GIQSLYGP GD EDPNPKHPKT PDKCDPSLSL
DAITSLRGET MIFKDRFFWR LHPQQVDAEL FLTCSFWPEL PNRIDAAYEH PSHDLIFIR GRKFWALNGY
DILEGYPKKI SELGLPKEVK KISA AVHFED TGKTLFSGN QWRYDDTNH IMDKDYPRLI EEDFPGIGDK
VDAVYEKNGY IYFFNGPIQF EYSIWSNRIV RVMPANSILW C.