

Human MMP14 Recombinant Protein



RPPB1974

Product Information Protein Information

Product SKU:

RPPB1974

Accession:

P50281

Host:

Sf9, Baculovirus cells.

Protein description:

MMP14 Human Recombinant produced in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 527 amino acids (21-538a.a) and having a molecular mass of 59.9kDa (Molecular size on SDS-PAGE will appear at approximately 35-70kDa). MMP14 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Matrix Metalloproteinase 14, Matrix Metalloproteinase 14 (Membrane-Inserted), Membrane-Type-1 Matrix Metalloproteinase, Membrane Type 1 Metalloprotease, EC 3.4.24.80, MT-MMP 1, MT1-MMP, MMP-14, MMP-X1, MT1MMP, MTMMP1, Matrix Metalloproteinase 14 (Membrane-Inserted), Membrane-Type Matrix Metalloproteinase 1, Matrix Metalloproteinase-14, EC 3.4.24, MT-MMP, WNCHRS, Matrix metalloproteinase-14, Membrane-type matrix metalloproteinase 1.

Formulation:

MMP14 protein solution (0.25mg/ml) containing 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:

ADLALASLGS AQSSFSPEA WLQQYGYLPP GDLRHTQRS PQLSAAIAA MQKFYGLQVT GKADATMKA
MRRPRCGVPD KFGAEIKANV RRKRYAIQGL KWQHNEITFC IQNYTPKVG EYATYEAIRKA FRVWESATPL
RFREVPYAYI REGHEKQADI MIFFAEGFHG DSTPFDGEGG FLAHAYFPGP NIGGDTHFDS AEPWTVRND
LNGNDIFLVA VHELGHALGL EHSSDPSAIM APFYQWMDTE NFVLPDDDRR GIQQLYGGES GFPTKMPPQP
RTTSRPSVPD KPKNPTYGPN ICDGNFDTVA MLRGEMFVK ERWFWRVRNN QVMDGYPMPI GQFWRGLPAS
INTAYERKDG KVFVFKGDH VWFDEASLEP GYPKHIKELG RGLPTDKIDA ALFWMPNGKT YFFRGNKYR
FNEELRAVDS EYPKNIKVWE GIPESPRGSF MGSDEVFTYF YKGNKYWKFN NQKLVPEGY PKSALRDWMG
CPSGGRPDEG TEEETEVIIEVDEEGGAV SHHHHHH.