

# Human MMP14 Recombinant Protein



RPPB1973

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## Product Information    Protein Information

**Product SKU:**

RPPB1973

**Accession:**

P50281

**Host:**

Escherichia Coli.

**Protein description:**

Matrix Metalloproteinase-14 Human Recombinant produced in E.Coli is a single, non- glycosylated polypeptide chain containing 264 amino acids and having a molecular mass of 29.6kDa. MMP14 is 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 is supplied as a 0.2 µm filtered solution containing 20mM Tris-HCl, pH 7.4, 30 % glycerol, 300mM NaCl, 3mM CaCl<sub>2</sub> and 10µM ZnCl<sub>2</sub>.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis 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:**

ALASLGSAQS SSFSPEAWLQ QYGYLPPGDL RTHTQRSPQS LSAAIAAMQK FYGLQVTGKA DADTMKAMRR  
PRCGVPDKFG AEIKANVRRK RYAIQGLKWQ HNEITFCIQN YTPKVGEYAT YEAIKAFRV WESATPLRFR  
EVPYAYIREG HEKQADIMIF FAEGFHGDST PFDGEGGFLA HAYFPGPNIG GDTHFDSAEP WTVRNEDLNG  
NDIFLVAVHE LGHALGLEHS SDPSAIMAPF YQWMDTENFV LPDDDRRGIQ QLYG.