

## Matrix Metalloproteinase-14 Human Recombinant

<b>Item Number</b>	rAP-1304
<b>Synonyms</b>	Matrix Metalloproteinase 14, Matrix Metalloproteinase 14 (Membrane-Inserted), Membrane-Type-1 Matrix Metalloproteinase, Membrane Type 1 Metalloproteinase, EC 3.4.24.80, MT-MMP
<b>Description</b>	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).&nbsp;
<b>Uniprot Accession Number</b>	P50281
<b>Amino Acid Sequence</b>	ADLALASLGS AQSSSFSPA WLQYGYLPP GDLRHTQRS PQSLSAIAA MQKFYGLQVT GKADATMKA MRRPRCGVPD KFGAEIKANV RRRKRYAIQGL KWQHNEITFC IQNYTPKVG EYATYEAIRKA FRWESATPL RFREVPYAYI REGHEKQADI MIFFAEGFHG DSTPFDGEGG  FLAHAYFPGP NIGGDTHFDS AEPWTVRNE D LNGNDIFLVA VHELGHALGL EHSSDPSAIM APFYQWMDTE NFVLPDDRR GIQQLYGGES GFPTKMPPQP RTTSRPSVPD
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.&nbsp;Store, frozen at -20°C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	MMP14 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**