

## Matrix Metalloproteinase 10 Human Recombinant

<b>Item Number</b>	rAP-1314
<b>Synonyms</b>	SL-2, STMY2, Stromelysin-2, Matrix metalloproteinase-10, MMP-10, Transin-2, MMP10.
<b>Description</b>	MMP10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 401 amino acids (99-476a.a) and having a molecular mass of 45.4kDa. MMP10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P09238
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSFSSFFGM PKWRKTHLTY RIVNYTPDLP RDAVDSAIEK ALKVWEEVTP LTF SRLYEGE ADIMISFAVK EHGDFYSFDG PGHSLAHAYP PGPGLYGDIIH FDDDEKW- TED ASGTNLF LVA AHELGHSLGL FHSANTEALM YPLYNSFTEL AQFRLSQDDV NGIQSLYGPP PASTEEPLVP TKSVP SGSEM PAKCDPALSF DAISTLRGEY LFFKDRYFWR RSHWNPEPEF HLISAF- WPSL PSYLDAAAYEV NSRDTVFIFK GNEFWAIRGN EVQAGYPRGI HTLGFPTIR KIDAAVSDKE KKK- TYFFAAD KYWRFDENSQ SMEQGFPRLI ADDFP GVEPK VDAVLQAFGF FYFFSGSSQF EFDPNARMVT HILKSNSWLH C.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The MMP10 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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**