

Matrix Metalloproteinase-3 Human Recombinant

Item Number	rAP-1319
Synonyms	CHDS6, MMP-3, SL-1, STMY, STMY1, STR1, Stromelysin-1, Matrix metalloproteinase-3, Transin-1, MMP3.
Description	MMP 3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 401 amino acids (100-477a.a) and having a molecular mass of 45.2kDa. MMP 3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P08254
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSFRTFPGI PKWRKTHLTY RIVNYTPDLP KDAVDSAVEK ALKVWEEVTP LTFSRLYEGE ADIMISFAVR EHGDYFPFDG PGNVLAHAYA PGPGINGDAH FDDDEQWTKD TTGTNLFLVA AHEIGHSLGL FHSANTEALM YPLYHSLTDL TRFRLSQDDI NGIQSLYGPP PDSPEPLVP TEPVPPEPGT PANCDPALSF DAVSTLRGEI LIFKDRHFWR KSLRKLEPEL HLISSFWPSL PSGVDAAYEV TSKDLVFIFK GNQFWAIRGN EVRAGYPRGI HTLGFPTVR KIDAAISDKE KNKTYFFVED KYWRFDEKRN SMEPGFPGI AEDFPGIDSK IDAVFEEFGF FYFTGSSQL EFDPNKKVT HTLKSNSWLN C.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The MMP 3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**