

Matrix Metalloproteinase-8 Human Recombinant, His Tag

Item Number	rAP-1316
Synonyms	CLG1, HNC, MMP-8, PMNL-CL, Neutrophil collagenase, Matrix metalloproteinase-8, MMP-8, PMNL collagenase.
Description	MMP 8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 390 amino acids (101-467a.a) and having a molecular mass of 44.3kDa. MMP 8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P22894
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSLTPGNPK WERTNLTYRI RNYTPQLSEA EVERAIKDAF ELWSVASPLI FTRISQGEAD INIAFYQRDH GDNSPFDGPN GILAHAFQPG QGIGGDAHFD AEET- WTNTSA NYNLFLVAAH EFGHSLGLAH SSDPGALMYP NYAFRETSNY SLPQDDIDGI QAIYGLSSNP IQPTGPSTPK PCDPSLTFDA ITTLRGEILF FKDRYFWRRH PQLQRVEMNF ISLFWPSLPT GIQAAYEDFD RDLIFLFKGN QYWALSGYDI LQGYPKDISN YGFPSSVQAI DAAVFYRSKT YFFVNDQFWR YDNQRQF- MEP GYPKSISGAF PGIESKVDAV FQQEHFFHVF SGPRYYAFDL IAQRVTRVAR GNKWLNCRYG.
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 8 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85% 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**