

Matrix Metalloproteinase-7 Human Recombinant

Item Number	rAP-1321
Synonyms	Matrilysin, EC 3.4.24.23, Pump-1 protease, Uterine metalloproteinase, Matrix metalloproteinase-7, MMP-7, Matrin, MPSL1, PUMP-1, MMP7.
Description	MMP-7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 174 amino acids (95-267 a.a) and having a molecular mass of 19.2kDa.MMP7 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P09237
Amino Acid Sequence	MYSLFPNSPK WTSKVVTYRI VSYTRDLPHI TVDRLVSKAL NMWGKEIPLH FRKVVWGTD IMIGFAR- GAH GDSYPFDGPG NTLAHAFAPG TGLGGDAHFD EDERWTDGSS LGINFLYAAT HELGHSLGMG HSSDPNAV MY PTYGN GDPQN FKLSQDDIKG IQKLYGKRSN SRKK.
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	MMP7 protein solution (1mg/ml) containing 20mM Tris 8.0 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**