

Matrix Metalloproteinase-7 Human Recombinant, Active

Item Number	rAP-1306
Synonyms	Matrilysin, EC 3.4.24.23, Pump-1 protease, Uterine metalloproteinase, Matrix metalloproteinase-7, MMP-7, Matrin, MPSL1, PUMP-1, MMP7.
Description	Matrix Metalloproteinase-7 Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing having a molecular mass of 19.13 kDa. The MMP-7 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P09237
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile clear liquid solution. Matrilysin although stable at 4°C for 3 weeks, should be stored below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	The protein contains the following additives 10mM HEPES (pH 7.4), 5mM CaCl ₂ and 150mM NaCl.
Application	Western Blotting (1:1K-5K for neat serum and 1-10 ug/ml for affinity pure antibody using ECL technique). ELISA: Control peptide can be used to coat ELISA plates at 1 ug/ml and detected with antibodies (1:10-50K for neat serum and 0.5-1 ug/ml for affinity
Solubility	
Biological Activity	The specific activity was found to be 6,200 U/mg.
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**