

Matrix Metalloproteinase-28 Human Recombinant

Item Number	rAP-1317
Synonyms	EPILYSIN, MM28, MMP-28, MMP25, Matrix metalloproteinase-28, MMP28.
Description	MMP28 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 421 amino acids (123-520a.a) and having a molecular mass of 47.3kDa. MMP28 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H239
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSFAKQGNK WYKQHLSYRL VNWPEHLPEP AVRGAVRAAF QLWSNVSALE FWEAPATGPA DIRLTFFQGD HNDGLGNAFD GPGGALAHAF LPRRGEAHFD QDERWSLSRR RGRNLFVLA HEIGHTLGLT HSPAPRALMA PYYKRLGRDA LLSWDDVLAV QSLYGK- PLGG SVAVQLPGKL FTDFTWDSY SPQGRRPETQ GPKYCHSSF AITVDRQQQL YIFKGSHFWE VAADGNVSEP RPLQERWVGL PPNIEAAVS LNDGDFYFFK GGRCWRFRGP KPVWGLPQLC RAG- GLPRHPD AALFFPPLRR LILFKGARYY VLARGGLQVE PYYPRSLQDW GGIPEEVSGA LRPDGSIIIF FRDDRYWRLD QAKLQATTSG RWATELPWMG CWHANSGSAL F.
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 MMP28 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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**