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32-2560: MMP28 Recombinant Protein

Alternative Name : EPILYSIN,MM28,MMP-28,MMP25,Matrix metalloproteinase-28,MMP28.

Description

Source : Escherichia Coli. 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. MMP28, which belongs to the matrix metalloproteinase (MMP) family, takes part in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction and tissue remodeling, and disease processes, like asthma and metastasis. MMP28 is a secreted enzyme which degrades casein. MMP28 participates in tissue homeostasis and in wound repair.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The MMP28 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSFAKQGNK WYKQHLSYRL VNWPEHLPEP AVRGAVRAAF QLWSNVSALE FWEAPATGPA DIRLTFFQGD HNDGLGNAFD GPGGALAHAF LPRRGEAHFD QDERWSLSRR RGRNLFVVLA HEIGHTLGLT HSPAPRALMA PYYKRLGRDA LLSWDDVLAV QSLYGKPLGG SVAVQLPGKL FTDFETWDSY SPQGRRPETQ GPKYCHSSFD AITVDRQQQL YIFKGSHFWE VAADGNVSEP RPLQERWVGL PPNIEAAAVS LNDGDFYFFK GGRCWRFRGP KPVWGLPQLC RAGGLPRHPD AALFFPPLRR LILFKGARYY VLARGGLQVE PYYPRSLQDW GGIPEEVSGA LPRPDGSIIF FRDDRYWRLD QAKLQATTSG RWATELPWMG CWHANSGSAL F.

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