

MMP28 recombinant protein

MMP28,123-520aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48862	HOST E Coli	APPLICATIONS SDS-Page
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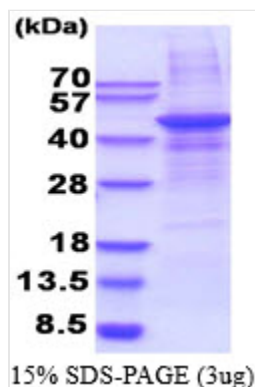
PRODUCT SYNONYMS

MMP28; 123-520aa; Human; His tag; E Coli (Denatured); Matrix metallopeptidase 28; EPILYSIN; MM28; MMP-28; MMP25; MMP28 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSFAKQGNK WYKQHLSYRL VNWPEHLPEP AVRGAVRAAF QLWSNVSALE FWEAPATGPA DIRLTFFQGD HNDGLGNAFD GPGGALAHAF LPRRGEAHFD QDERWSLSRR RGRNLFVVLA HEIGHTLGLT HSPAPRALMA PYYKRLGRDA LLSWDDVLAV QSLYGKPLGG SVAVQLPGKL FTDFTWDSY SPQGRRPETQ GPKYCHSSF AITVDRQQQL YIFKGSFWE VAADGNVSEP RPLQERWVGL PPNIEAAVS LNDGDFYFFK GGRCWRFRGP KPVWGLPQLC RAGGLPRHPD AALFFPPLRR LILFKGARYY VLARGGLQVE PYYPRSLQDW GGIPEEVSGA LRPDGSIIF FRDDRYWRLD QAKLQATTSG RWATELPWMG CWHANSGSAL F
Sequence Length	520
Applicable Applications for MMP28 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MMP28 recombinant protein	MMP28 protein of the matrix metalloproteinase (MMP) family is involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction and tissue remodeling, and disease processes, such as asthma and metastasis. MMP28 is a secreted enzyme that degrades casein. Its expression pattern suggests that it plays a role in tissue homeostasis and in wound repair. Transcript variants encoding different isoforms have been described. Recombinant human MMP28 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for MMP28 recombinant protein	Cancer
References	Marchenko G.N., et al. (2001) Gene. 265:87-93; Lohi J., et al. (2001) J. Biol. Chem. 276:10134-10144;

NCBI AND UNIPROT INFORMATION

NCBI GI #	13236530
NCBI GeneID	79148
NCBI Accession #	NP_077278
NCBI GenBank Nucleotide #	NM_024302.4
UniProt Accession #	Q9H239; Q96F04; Q96TE2
Molecular Weight	47.3 kDa (421aa)
NCBI Official Full Name	matrix metalloproteinase-28 isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 28
NCBI Official Symbol	MMP28
NCBI Official Synonym Symbols	MM28; MMP25; MMP-25; MMP-28; EPILYSIN
NCBI Protein Information	matrix metalloproteinase-28
UniProt Protein Name	Matrix metalloproteinase-28
UniProt Gene Name	MMP28
UniProt Synonym Gene Names	MMP25; MMP-28

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.