

Product datasheet for **AR51366PU-S**

MMP-28 (123-520, His-Tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant human MMP-28 protein
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFAKQGNK WYQHLSYRL VNWPEHLPEP AVRGAVRAAF QLWSNVSALE FWEAPATGPA DIRLTFQGD HNDGLGNAFD GPGGALAHAF LPRRGEAHFD QDERWLSRR RGRNLFVLA HEIGHTLGLT HSPAPRALMA PYYKRLGRDA LLSWDDVLAV QSLYGKPLGG SVAVQLPGKL FTDFETWDSY SPQGRRPETQ GPKYCHSSF AITVDRQQQL YIFKGSFWE VAADGNVSEP RPLQERWVGL PPNIEAAVS LNDGDFYFFK GGRCWRFRGP KPVWGLPQLC RAGGLPRHPD AALFFPLRR LILFKGARYY VLARGGLQVE PYYPRSLQDW GGPIEEVSGA LRPDGSIF FRDDRYWRDL QAKLQATTSG RWATELPWMG CWHANSGSAL F
Tag:	His-Tag
Predicted MW:	47.3 kDa (421aa)
Concentration:	1mg/ml (determined by Bradford assay)
Purity:	> 85% by SDS-PAGE
Buffer:	Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Applications:	SDS-PAGE, Denatured
Protein Description:	Recombinant human MMP28 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_077278</u>
Locus ID:	79148



UniProt ID: [Q9H239](#)

Cytogenetics: 17q12

Synonyms: Matrix metalloproteinase 28, EPILYSIN, MM28, MMP-28, MMP25

Summary: Proteins of the matrix metalloproteinase (MMP) family are 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. This gene encodes a secreted enzyme that degrades casein. Its expression pattern suggests that it plays a role in tissue homeostasis and in wound repair. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:

