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Product datasheet for AR51366PU-S

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

Product data:

Product Type:	Recombinant Proteins
Description:	MMP-28 (123-520, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	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
Tag:	His-tag
Predicted MW:	47.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MMP28 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001027449
Locus ID:	79148
UniProt ID:	Q9H239, B3KV06
Cytogenetics:	17q12
Synonyms:	EPILYSIN; MM28; MMP-25; MMP-28; MMP25

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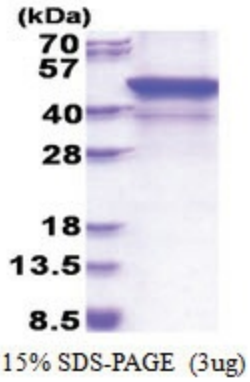
Summary: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction and tissue remodeling, and disease processes, such as asthma and metastasis. This gene encodes a secreted 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:



15% SDS-PAGE (3ug)