

## Recombinant Human MMP28, His-tagged

Cat. No. MMP28-5050H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human MMP28 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Molecular Mass</b>	47.3 kDa (421aa)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSFAKQGK WYKQHLSYRL VNWPEHLPEP AVRGAVRAAF QLWSNVSALE FWEAPATGPA DIRLTFQGD HNDGLGNAFD GPGGALAHAF LPRRGEAHFD QDERWSLSRR RGRNLFVLA HEIGHTLGLT HSPAPRALMA PYYKRLGRDA LLSWDDVLAV QSLYGKPLGG SVAVQLPGKL FTDFETWDSY SPQGRRPETQ GPKYCHSSF AITVDRQQQL YIFKGSHFWE VAADGNVSEP RPLQERWVGL PPNIEAAVS LNDGDFYFFK GGRCWRFRGP KPVWGLPQLC RAGGLPRHPD AALFFPPLRR LILFKGARYY VLARGGLQVE

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PYYPRSLQDW GGIPPEVSGA LPRPDGSIIF FRDDRYWRLD QAKLQATTSG  
RWATELPWMG CWHANSGSAL F

**Purity** >90% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [MMP28 matrix metalloproteinase 28 \[ Homo sapiens \]](#)

**Official Symbol** MMP28

**Synonyms** MMP28; matrix metalloproteinase 28; matrix metalloproteinase 28; matrix metalloproteinase-28; putative MMP28 gene product; EPILYSIN; MM28; MMP 25; MMP 28; matrix metalloproteinase-28; MMP25; MMP-28;

**Gene ID** [79148](#)

**mRNA Refseq** [NM\\_001032278](#)

**Protein Refseq** [NP\\_001027449](#)

**MIM** [608417](#)

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<b>UniProt ID</b>	Q9H239
<b>Chromosome Location</b>	17q21.1
<b>Pathway</b>	Matrix Metalloproteinases, organism-specific biosystem;
<b>Function</b>	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;

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