

Recombinant Full Length Human MMP28 Protein, GST-tagged

Cat. No. MMP28-6278HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MMP28 full-length ORF (BAG53618.1, 1 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	510 amino acids
Description	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. Transcript variants encoding different isoforms have been described. [provided by RefSeq]
Molecular Mass	84 kDa
AA Sequence	MVARVGLLLRALQLLLWGHLDQAQPAERGGQELRKEAEAFLEKYGYLNEQVPKAPTS TRFSDAIRAFQWVSQLPVSGVLD RATLRQMTRPRCGVTDTNSYA AWAERISDLFAR HRTKMRRKKRFAKQGNKWYKQHLSYRLVNWPEHLPEPAVRGAVRAAFQLWSNVS ALEFWEAPATGPADIRLTFFQGDHNDGLGNAFDGPGGALAHAF LPRRGEAHFDQD ERWLSR RRRGRNLFV VLAHEIGHTLGLTHSPAPRALMAPYYKRLGRDALLSWDDVL AVQSLYGKPLGGSVAVQLPGKLFTDFETWDSYSPQGRRPETQGP KYCHSSFDAITV

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GSHFWEVAADGNVSEPRPLQERWVGLPPNIEAAVSLNDGDFYFFKGGRCWRFR
 GPKPVWGLPQLCRAGGLPRHPDAALFFPPLRRLILFKGARYYVLARGGLQVEPYYP
 RSLQDWGGIPEEVSGALPRPDGSIIFRDDRWDQAKLQATTSGRWATELPWM
 GCWHANSGSALF

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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MIM	608417
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UniProt ID	Q9H239
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