

Recombinant Human MMP28 Protein, GST-tagged

Cat. No. MMP28-5431H **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	Wheat Germ
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	MVARVGLLLRALQLLLWGHLDQAQAERGGQELRKEAEAFLEKYGYLNEQVPKAPTS TRFSDAIRAFQWVSQLPVSGVLDRLTRQMTRPRCGVTDNTSYAAWAERISDLFAR HRTKMRRKKRFAKQGNKWYKQHLSYRLVNWPEHLPEPAVRGAVRAAFQLWSNVS ALEFWEAPATGPADIRLTFFQGDHNDGLGNAFDGPGGALAHAFLLPRRGEAHFDQD ERWSLSRRRGRNLFVFLAHEIGHTLGLTHSPAPRALMAPYYKRLGRDALLSWDDVL AVQSLYGKPLGGSVAVQLPGKLFTDFETWDSYSPQGRRPETQGPKYCHSSFDAITV GSHFWEVAADGNVSEPRPLQERWVGLPPNIEAAVSLNDGDFYFFKGGRCWRFR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GPKPVWGLPQLCRAGGLPRHPDAALFFPPLRRLILFKGARYYYVLARGGLQVEPYYP
 RSLQDWGGIPEEVSGALPRPDGSIIFFRDDRYWRLDQAKLQATTSGRWATELPWM
 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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