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	MVARVGLLLRALQLLLWGHLDAQPAERGGQELRKEAEAFLEKYGYLNEQVPKAPTS TRFSDAIRAFQWVSQLPVSGVLDRATLRQMTRPRCGVTDTNSYAAWAERISDLFAR HRTKMRRKKRFAKQGNKWYKQHLSYRLVNWPEHLPEPAVRGAVRAAFQLWSNVS ALEFWEAPATGPADIRLTFFQGDHNDGLGNAFDGPGGALAHAFLPRRGEAHFDQD ERWSLSRRRGRNLFVVLAHEIGHTLGLTHSPAPRALMAPYYKRLGRDALLSWDDVL AVQSLYGKPLGGSVAVQLPGKLFTDFETWDSYSPQGRRPETQGPKYCHSSFDAITV

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	GSHFWEVAADGNVSEPRPLQERWVGLPPNIEAAAVSLNDGDFYFFKGGRCWRFR GPKPVWGLPQLCRAGGLPRHPDAALFFPPLRRLILFKGARYYVLARGGLQVEPYYP 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 metallopeptidase 28 [Homo sapiens]
Official Symbol	MMP28
Synonyms	MMP28; matrix metallopeptidase 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
UniProt ID	Q9H239

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