

# Recombinant Full Length Human MMP28 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human MMP28 full-length ORF (BAG53618.1, 1 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	510 amino acids
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	84 kDa
<b>AA Sequence</b>	<p>MVARVGLLLRALQLLLWGHLDQAQPAERGGQELRKEAEAFLEKYGYLNEQVPKAPTS            TRFSDAIRAFQWVSQLPVSGVLDLDRATLRQMTRPRCGVTDNTNSYAAWAERISDLFAR            HRTKMRRKKRFAKQGNKWKYQHLRYLVNWPEHLPEPAVRGAVRAAFQLWSNVS            ALEFWEAPATGPADIRLTFQGDHNDGLGNAFDGPGGALAHAFLLPRRGEAHFDQD            ERWLSRRRRGRNLFVFLAHEIGHTLGLTHSPAPRALMAPYYKRLGRDALLSWDDVL            AVQSLYGKPLGGSVAVQLPGKLFTDFETWDSYSPQGRRPETQGPKYCHSSFDAITV</p>

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GSHFWEVAADGNVSEPRPLQERWVGLPPNIEAAVSLNDGDFYFFKGGRCWRFR  
 GPKPVWGLPQLCRAGGLPRHPDAALFFPPLRRLILFKGARYYVLARGGLQVEPYYP  
 RSLQDWGGIPEEVSGALPRPDGSIIFFRDDRYWRLDQAKLQATTSGRWATELPWM  
 GCWHANSGSALF

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MMP28 matrix metalloproteinase 28 [ Homo sapiens ]
<b>Official Symbol</b>	MMP28
<b>Synonyms</b>	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;
<b>Gene ID</b>	79148
<b>mRNA Refseq</b>	NM_001032278
<b>Protein Refseq</b>	NP_001027449

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<b>MIM</b>	608417
<b>UniProt ID</b>	Q9H239

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