

Product datasheet for **SC335835**

MMP28 (NM_032950) Human Untagged Clone

Product data:

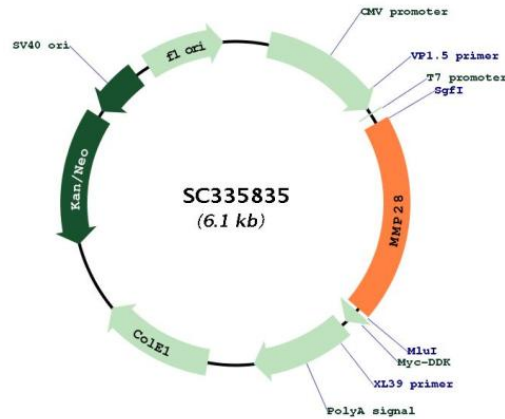
Product Type:	Expression Plasmids
Product Name:	MMP28 (NM_032950) Human Untagged Clone
Tag:	Tag Free
Symbol:	MMP28
Synonyms:	EPILYSIN; MM28; MMP-25; MMP-28; MMP25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335835 representing NM_032950. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGTCGCGCGCGTCCGGCTCCTGCTGCGCGCCCTGCAGCTGCTACTGTGGGGCCACCTGGACGCCACG
CCCAGGAGCGCGGAGGCCAGGAGCTGCGCAAGGAGGCGGAGGCATTCTAGAGAAGTACGGATACCTC
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TCCGTTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_032950

Insert Size: 1182 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_032950.3](#)

RefSeq Size: 2614 bp

RefSeq ORF: 1182 bp

Locus ID: 79148

UniProt ID: [Q9H239](#)

Cytogenetics: 17q12

Protein Families: Druggable Genome, Protease, Secreted Protein

MW: 44.5 kDa

Gene Summary:

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. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]
Transcript Variant: This variant (2) contains an additional exon in the 3' region, and it thus differs in its 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) has a distinct C-terminus and is shorter than isoform 1.