

Product datasheet for **SC335868**

GCET1 (SERPINA9) (NM_001284275) Human Untagged Clone

Product data:

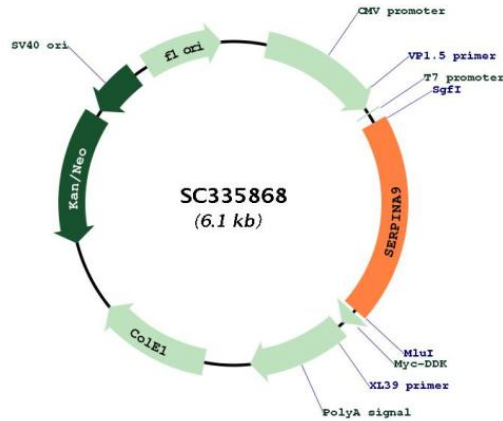
Product Type:	Expression Plasmids
Product Name:	GCET1 (SERPINA9) (NM_001284275) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERPINA9
Synonyms:	GCET1; SERPINA11; SERPINA11b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335868 representing NM_001284275. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGATCAGCTGGAGGGAGAGGAGAGATTAAAGTGAGGAGAGAGCTACAACCAAGTAAGCAAGTGTCA
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TCAGTCACCAAGACCCAGATTCTCCAGGGCCTGGGCTTCAACCTCACACACACCAGAGTCTGCCATC
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ACTGAGGCCACAGCAGCTACCACCACCAAGTTCATAGTCCGATCGAAGGATGGCCCTCTTACTTCACT
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AAAGTGGAAAATCCCACTAAATCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001284275

Insert Size: 1200 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_001284275.1](#)

RefSeq Size: 1661 bp

RefSeq ORF: 1200 bp

Locus ID: 327657

UniProt ID: [Q86WD7](#)

Cytogenetics: 14q32.13

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

MW: 44.7 kDa

Gene Summary:

Protease inhibitor that inhibits trypsin and trypsin-like serine proteases (in vitro). Inhibits plasmin and thrombin with lower efficiency (in vitro).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) uses an alternate acceptor splice site, which results in translation initiation from an upstream start codon compared to variant 1. The resulting shorter isoform (C) contains a distinct N-terminus compared to isoform A.