

Product datasheet for **SC335084**

GCET1 (SERPINA9) (NM_001284276) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GCET1 (SERPINA9) (NM_001284276) 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:	>NCBI ORF sequence for NM_001284276, the custom clone sequence may differ by one or more nucleotides

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ATGGGAAGTGCCCTCTTCGTCAAGAAGGAGCTGCAGCTGCAGGCAAATTTCTGGGCAATGTCAAGAGGC
TGTATGAAGCAGAAGTCTTTTCTACAGATTTCTCCAACCCTCCATTGCCAGGCGAGGATCAACAGCCA
TGTGAAAAAGAAGACCCAAGGGAAGTTGTAGACATAATCCAAGGCCTTGACCTTCTGACGGCCATGGTT
CTGGTGAACCACATTTTCTTTAAAGCCAAGTGGGAGAAGCCCTTTCACCCTGAATATAACAAGAAAGAACT
TCCCATTCCTGGTGGGCGAGCAGGTCACGTGTCATGTCCCATGATGCACCAGAAAGAGCAGTTCGCTTT
TGGGGTGGATACAGAGCTGAAGTCTTTGTGCTGCAGATGGATTACAAGGGAGATGCCGTGGCCTTCTTT
GTCCTCCCTAGCAAGGGCAAGATGAGGCAACTGGAACAGGCCTTGTGAGCCAGAACACTGAGAAAGTGA
GCCACTACTCCAGAAAAGGTGGATAGAGGTGTTTCATCCCAGATTTTCCATTTCTGCCTCTACAATCT
GGAAACCATCCTCCCGAAGATGGGCATCCAAAATGCTTTTGACAAAAATGCTGATTTTTCTGGAATTGCA
AAGAGAGACTCCCTGCAGGTTTCTAAAGCAACCCACAAGGCTGTGCTGGATGTCAGTGAAGAGGGCACTG
AGGCCACAGCAGCTACCACCACCAAGTTCATAGTCCGATCGAAGGATGGCCCTCTTACTTCACTGTCTC
TTCAATAGGACCTTCTGATGATTACAAATAAAGCCACAGACGGTATTCTCTTTCTAGGAAAAGTG
GAAAATCCCACTAAATCCTAG
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001284276
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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001284276.1, NP_001271205.1</u>
RefSeq Size:	1558 bp
RefSeq ORF:	861 bp
Locus ID:	327657
UniProt ID:	<u>Q86WD7</u>
Cytogenetics:	14q32.13
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) is alternatively spliced in the 5' coding region, which results in translation initiation from an in-frame downstream start codon compared to variant 1. The resulting isoform (D) has a shorter N-terminus compared to isoform A.</p>