

Product datasheet for **RG237190**

GCET1 (SERPINA9) (NM_001284276) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GCET1 (SERPINA9) (NM_001284276) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GCET1
Synonyms:	GCET1; SERPINA11; SERPINA11b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237190 representing NM_001284276. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAAGTGCCCTCTTCGTCAAGAAGGAGCTGCAGCTGCAGGCAAATTTCTGGGCAATGTCAAGAGG
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CATGTGAAAAAGAAGACCCAAGGGAAGTTGTAGACATAATCCAAGGCCTTGACCTTCTGACGGCCATG
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AACTTCCCATTCTGGTGGCGAGCAGGTCCTGTGCATGTCCCATGATGCACCAGAAAGAGCAGTTC
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TACAATCTGAAAACCATCTCCCGAAGATGGGCATCCAAAATGTCTTTGACAAAAATGCTGATTTTTCT
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GAGGGCACTGAGGCCACAGCAGTACCACCACCAAGTTCATAGTCCGATCGAAGGATGGCCCTCTTAC
TTCAGTGTCTCCTCAATAGGACCTTCTGATGATGATTACAAAATAAAGCCACAGACGGTATTCTCTTT
CTAGGAAAAGTGAAAAATCCCACTAAATCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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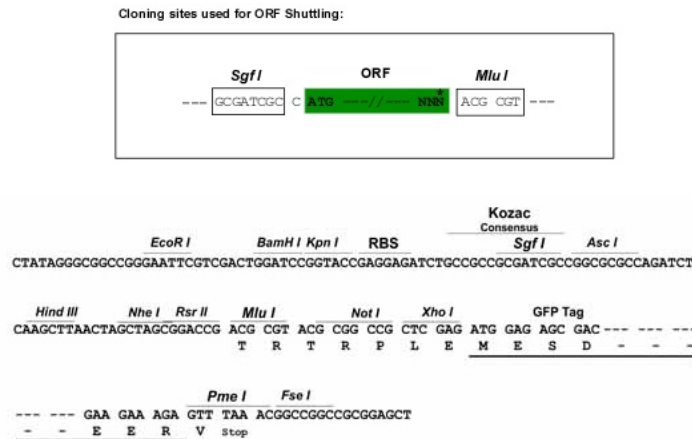
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237190
 Blue=ORF Red=Cloning site Green=Tag(s)

MGSALFVKKELQLQANFLGNVKRLYEAEVFSTDFSNPSIAQARINSHVKKKTQGKVVDIIQGLDLLTAM
 VLVNHIFFKAKWEKPFHPEYTRKNFPFLVGEQTVHVPMMHQKEQFAGVDTELNCFVLQMDYKGDVA
 FFVLPSPKGMQRLEQALSARTLRKWSHSLQKRWIEVFI PRFSISASYNLETILPKMGIQNVFDKNADFS
 GIAKRDSLQVSKATHKAVLDVSEEGTEAATAATTKFIVRSKDGPSYFTVSNRFTLMMITNKATDGI
 LGKVENPTKS
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284276

ORF Size: 858 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

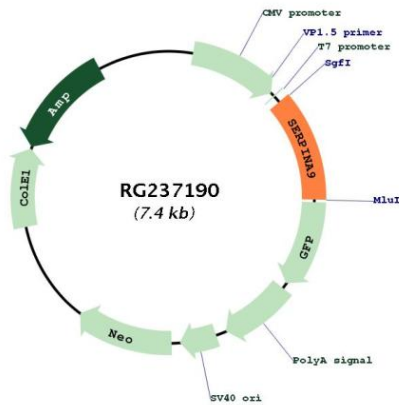
RefSeq: [NM_001284276.2](#)

RefSeq Size: 1558 bp

RefSeq ORF: 861 bp

Locus ID: 327657
UniProt ID: [Q86WD7](#)
Cytogenetics: 14q32.13
Protein Families: Druggable Genome, Secreted Protein, Transmembrane
MW: 32.8 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]

Product images:



Circular map for RG237190