

Product datasheet for **MC218311**

Exoc7 (BC028927) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc7 (BC028927) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc7
Synonyms:	sec70, 70kDa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC028927
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTCCCCCGCAGGAGGCTTCCGCCCGCGCGGGAGATCGAGGACAACTGAAGCAGGAGGAGAGA
 CACTGTCGTTTATTCGAGACAGCCTGGAGAAGAGCGACCAGCTCACTAGGAACATGGTGTCCATCCTGTC
 GTCCTTTGAGAGCCGACTCATGAAGCTGGAGAACTCTATCATCCCTGTGACAAGCAGACAGAGAACCTA
 CAGAGGCTGCAGGAGAAGCTGGAGAAGACGTTATCCTGCCTGGACCACGTTATCAGCTACTACCAGTAG
 CCAGCGACACGGAGAAGATCATCCGAGAGGGCCCCACAGGTAGGCTGGAAGAGTACCTGGGAAGTATGGC
 CAAAATCCAGAAGGCTGTGGAGTATTTTCAGGACAATAGCCCAGACAGCCAGAACTCAACAAAGTGAAG
 CTGCTGTTTGAGCGAGGGAAGGAGTCCCTGGAGTCGGAGTTCGCGAGTCTGATGACCCGGCAGCAAGG
 TGGTCTCCCCCGTCTCCTCCTGGACCTCATCAGTCTGATGACGAGCTGGAGGTCAGGAGGATGTGGT
 CCTGGAGCACCTGCCCGAGAGCGTCTCAGAGACGTGGTCCGCATCTCCCGCTGGCTGGTGAATATGGT
 CGGAACCAAGACTTCATGAATGTCTACTACCAGATCCGCTCCAGCCAGCTGGACCCTCCATCAAGGGTC
 TGAAGGAGCATTTTCGAAAAGCAGTTCCTCTTCTGGGGTTCCTACTCCCCCGCATCCCCAATAAGAG
 GAAAGACACGCCACCAAGAAGCCATCAAGCGGCCAGGGAGAGACGACATGCTGGACGTGGAGACGGAC
 GCCTACATTCAGTGCCTCAGCGCCTTCGTAAGCTGGCGCAGAGTGAATACCGGCTGCTGATGGAGATCA
 TCCCTGAGCATCACCAGAAGAAAACCTTGGACTCCTTGATACAGGATGCCTGGACGGGCTGATGCTTGA
 AGGGGAGAACATCGTGTCTGTGCCAGGAAAGCCATCATCCGCCATGACTTCTCCACAGTCTCACCGTC
 TTCCCCATCCTGCGGCACCTCAAGCAGACCAAGCCGAGTTTGACCAGGTCTCCAGGGCACAGCAGCCA
 GCACCAAGAACAAGCTGCCCGCCTCATCACCTCCATGGAGACCATTGGGGCCAAAGCTCTAGAAGACTT
 TGCTGATAACATCAAGAATGATCCAGACAAGGAATACAACATGCCTAAAGACGGCACTGTTTCATGAGCTC
 ACAAGCAATGCCATCCTGTTCTACAGCAGCTTCTGGACTTCCAGGAGACAGCAGGTGCCATGCTGGCCT
 CCCAAGAAACCAGTTCTTCGGCCACCAGCTACAGCTCCGAGTTCAGCAAGCGGCTGCTGAGCACCTACAT
 CTGCAAAGTCTTGGGTAACCTGCAGCTGAACCTACTAAGCAAGTCCAAGGTGTACGAGGATCCAGCGCTG
 AGCGCCATCTTCTACACAACAATAAATTACATCCTCAAGTCCCTGGAGAAGTCTGAGCTGATCCAGC
 TGGTGGCTGTAACCCAGAAGACTGCCGAGCGCTCCTACCGGGAGCACATCGAGCAGCAGATCCAGACCTA
 CCAGCGCAGCTGGCTAAAGGTGACTGACTACATCGCAGAGAAGAACCTACCTGTGTTCCAGCCTGGAGTC
 AAGCTCCGGGACAAAGAGCGGCAGATGATTAAGGAACGTTTCAAGGGATTCAATGATGGACTCGAAGAGC
 TGTGCAAGATTCAGAAGGTCTGGGCTATTCCAGACACAGAGCAGAGAGACAAGATTTCGACAGGCTCAGAA
 AGACATTGTCAAGGAGACCTACGGGGCCTTTCTGCACAGGTATGGCAGCGTGCCTTTCACAAAAACCCG
 GAGAAATACATCAAGTACCGCGTGGAGCAGGTGGGAGACATGATCGATCGCCTTTTCGACACCTCTGCTT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC028927
Insert Size: 1962 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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: [BC028927](#), [AAH28927](#)

RefSeq Size: 2102 bp

RefSeq ORF: 1961 bp

Locus ID: 53413

Cytogenetics: 11 E2

Gene Summary: Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. In adipocytes, plays a crucial role in targeting SLC2A4 vesicle to the plasma membrane in response to insulin, perhaps directing the vesicle to the precise site of fusion.[UniProtKB/Swiss-Prot Function]