

## Product datasheet for **MC206761**

### Exoc5 (BC049967) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc5 (BC049967) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc5
Synonyms:	SEC10, PRO1912
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC049967  
 GGCTGCTCTCCCTCTCTGCCTTCGCTGTGTGAGGACCGGGGCAGCCAGCAGCGGTGCGCAGCCCGGGCCG  
 GAGGCGGTAGGCCGAGCTGGGACTGGTGAAGCGGAGACCGGCTGAGGCGCAGCATGTGAAGCGGAGACCGGCT  
 CGAGCGCGGGGCGAGCCTCTCAGCCGGCCGGCATGGCCACGACGGCCGAGCTCTTCGAGGAGCCTTTTGT  
 GGCCGATGAATACATTGAACGTCTCGTGTGGAGAACCCTGGAGGTGGTTCTAGGGGTGGACCTGAAGCT  
 TTTGATCCTAAAAGGTTATTAGAAGAATTTGTGAATCATATTCAAGAAGTGCAGATAATGGATGAAAAGGA  
 TTCAAAGGAAAGTGGAGAAATTAGAACAGCAGTGTGAGAAGGAAAGCTAAGGAGTTTGTAAAGAGGTACA  
 GGAGTCCAGAAAAGCAACCAGGTTGCTTTCCAACATTTCCAAGAAGTGTAGATGAGCACATTAGCTATGTA  
 GCTACCAAAGTGTGTACCTTGGAGACCAGTTGGAAGGGGTAAACACACCTAGGCAACGTGCAGTGGAGG  
 CACAGAAATTGATGAAATACTTTAATGAGTTTCTAGATGGAGAATTGAAATCTGATGTTTTTACAAATTC  
 TGAAAAGATAAAGGAAGCAGCAGACGTATTCAAAAAGTGCATCTGATTGCCAGGAGTTACCTTTCGAT  
 AGGTTTTTCAAGTAAAATCAAAAATTGCAAGTAAATACCATGACTTAGAATGCCAGCTGATTACAGGAGT  
 TTACAAGTGCCAAAGAAGAGGGGAGGTCTCCCGGATGAGGGAGGTGGCTGCAGTCTCTTTCATTTTAA  
 GGGTTATTTCCATTGATTGATGTTTATATAAAGCAGTCCAGGAGGGTCTTACTTGAGAAATGACATA  
 TTTGAAGATGCAGCAATACTCTGTGAGCAGTGAACAAGCAGGTTGGAGACATCTTTAGTAAATCCAGAAG  
 CAGTGTGCTAAGCTTATTAGAGTGTGTTTGAATCAAACACAGAGTTTTGTGAAGGATCAGTTAGA  
 AGAATGTAGGAAATCTGATGCTGAGCAGTATCTTAAAAGTCTCTATGATCTGTATACAAGAACCACCGGT  
 CTTTCCAGCAAATTGATGGAGTTAACTTAGTACTGATAAACAGACTTTCTTGTCTAAGCTTATCAAAAT  
 CCATTTTCATTTCTATCTGGAGAACTATATTGAAGTGGAGATTGGATATTTGAAAAGCAGAAAGTGCAT  
 GATCCTACAGCGCTATTATGATTTCAAAAACCACAAAAGAGATCCATTGGCACAGGAGGTTTCAAGAT  
 TTGAAAGAAAGGATTAGACAACGTACCAACTTACCCTGGGGCCAAGTATTGATACACATGGGAAAACCT  
 TCCTATCTCAAGAAGTGGTAGTTAATCTTTTACAAGAAACCAACAAGCCTTTGAAAGATGTCATAGGCT  
 TTCTGATCCTTCTGATTTACCAAGGAATGCCTTTAGAATTTTTACCATTCTTGTGGAATTTTTATGTTATT  
 GAGCATATTGATTATGCTTTAGAAAACGGGCTTGTGCTGGAATCCCATCATCAGATTCTAGGAATGCAATC  
 TCTACTTTTTGGATGTTGTACAACAGGCAATACTATTTTTTTCATTTTTTACAAAACAGTTTAAATGATCA  
 CCTAATGCCACTAATAAGCTCTTCTCCTAAGTTATCTGAATGCCTCCAGAAGAAAAAAGAGATAATTGAG  
 CAGATGGAGATGAAATTGGATACTGGCATTGATAGGACATTAATTGTATGATTGGACAGATGAAGCATA  
 TCTTGGCTGCAGAACAAAAGAAAACAGATTTTAAAGCCAGAAGATGAGAACAATGTTTTGATTGATATAC  
 TAATGCATGTGTAAGTTTGTGTTTATGTAAGAAAACAAGTTGAGAAGATTAATAATCCATGGATGGG  
 AAGAATGTGGACACAGTCTGATGGAACCTGGAGTACGTTTTTCATCGGCTATTTTATGAACATCTTCAAC  
 AATATTTCTATAGTTGTATGGGTGGCATGCTTGAATTTGCGACGTGGCTGAGTATAGAAAATGTGCCAA  
 AGACTTCAAGATTCCAATGGTATTACATCTTTTTGATACTCTGCATGCACCTTTGCAATCTCTGGTGGT  
 GCTCCAGATAATTTAAAACAAGTCTGCTCGGGAGAACAACCTTGCCAATCTGGACAAGAACAATACTCCACT  
 CCTTTGTACAACCTTCGTGCTGACTATAGATCTGCCCGCTAGCGCGACACTTCAGCTGAGCTGAATTTAC  
 AAAGGCAATGGATTGTTTTCTCAGAAGTCTCGGTAATGGGAAGCACAGGAGATTCTTATGACACCGCC  
 AATATTTTATGGGAAAAAATGACTGGAAGAAAGCAGCAGCCATACTTACCTGGAATTTTGTGTTGAAATTT  
 GGACACCTCTAGCTGATTTTTATCTTTCCCTGTTATGTTGAATTTCTATACTTTAATTTATAAATTTCA  
 AATTCTATAAACCTACATGACTGTTATAATCCTGGAAAATGTTGGTGTGCAAAAATGAATGAAATTCACC  
 AGTGAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** BC049967
- Insert Size:** 2127 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:** [BC049967](#), [AAH49967](#)

**RefSeq Size:** 2613 bp

**RefSeq ORF:** 2127 bp

**Locus ID:** 105504

**Cytogenetics:** 14 C1

**Gene Summary:** Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.[UniProtKB/Swiss-Prot Function]