

Product datasheet for **MC220658**

Exoc1 (BC024678) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc1 (BC024678) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc1
Synonyms:	SEC3, Sec3p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024678
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGCAATCAAGCATGCGCTGCAGAGAGATATCTTCACACCAATGATGAACGCCTGCTGAGCATCG
 TGAATGCTGCAAAGCTGGCAAGAAGAAGAACTGTTTTCTGTGTGCCACAGTGACCACTGAACGCC
 CGTGACAGGTGAAGGTGGTCAAAGTCAAGAAATCCGACAAGGGAGATTTCTACAAAAGGCAGATTGCTTGG
 GCCCTGCGAGACCTTGCTGTGGTCGACGCCAAAGATGCCATCAAAGAAAAACCGGAATTTGATTTACATT
 TTGAGAAGGTCTATAAGTGGTGGCCAGCAGCAGCGGTGAGAAGAACGCCTTCATCTCCTGCATTGGAA
 GCTGAACAGCGCTATCTGCGCAAGAAATCGACTTTGTTAATGTTAGCTCGCAGCTTTTGAAGAATCT
 GTTCCAAGCGGAGAGAATCAGAGTGTAGCGGGAGGGGATGAAGAAGCGGTAGATGAGTACCAAGAGTTAA
 ATGCAAGAGAAGAGCAGGACATCGAGATAATGATGGAAGGCTGCGAGTGCGCCATTTCTAACGCTGAAGC
 CTTTGACAGAGAAGTTGTCCCGGAGCTGCAGGTGCTCGATGGGGCCAACATTCAGTCAATCATGGCCTCT
 GAGAAACAAGTGAACACCTGATGCAGTTGCTGGATGAGGCGCTAACGGAGGTGGACCAGATTGAACTGA
 AACTGAGCAGTTACGAGGAGATGCTCCAAAGTGTGAAAGAGCAGATGGATCAGATCTCTGAGAGCAACCA
 CCTGATCCATCTCAGCAACACGAATAATGTGAAGCTCCTGTCCGAGATAGAGTTCCTCGTGAACCATG
 GACTTGGCCAAAGGTCATATAAAGGCCCTTCAGGAAGGAGATCTTGTTTCTTCCCGAGGCATCGAGGCCCT
 GCACCAACGCTGCTGACGCCCTGCTGCAGTGCATGAACGTTGCTCTTCCGCCAGGCCATGACATGCTCCT
 GGCCATCAAGCAGCAGCAGCAGCGCTTCAGTGACCTGAGGGAACATTCGCCCGGAGACTGGCCAGCCAT
 CTCAACAATGTTTTTGTCAACAGGGTCATGATCAGAGTTCAACTCTTGCTCAGCACTCTGTTGAACTGA
 CTCTACCCAATCACCATCCATTTATAGAGACTTGCTCCGCTATGCCAAGCTGATGGAGTGGCTAAAGAG
 TACAGACTATGGAATAACGAGGGACTAACAAAGAATTACATGGATTATTTATCCCGACTATATGAAAGA
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 CTACACTGCCTCGAAAAGAAAGTGTGTCAAACAGGAAACAGAGAGTCTCCATGGAAGCTCTGGGAACT
 CACTGGATCAACTTCTAGTCTGAATAAACTCAGTGTCAGAGCTCGGGCAGTGCAGGTCCCAATCGTCC
 TCCCTACTGGACATGGGAACATGTCTGCCTCTGACCTCGATGTGGCTGACAGAACCAAAATTTGATAAGA
 TCTTTGAACAGGTGCTGAGTGAAGTGGAGCCACTGTGTCTGGCAGAACAGGACTTCATAAGTAAATTTT
 CAAACTACAGCAGCATCAAAACATGTCTGCATCAATGACTGAAGCAGAAGACCTGGATGGAGGCTCATT
 TCACGGCAGCACAGTTCTGGCACCTGCTCCCTGTTTCTCTGAAAAAGATATGATTCGCCAAATGATGA
 TCAAAATATTCGTTGCATTGAACAGAACTGAACAACCTAATTGCATTAGGAGACAAAGTAGATAGCTT
 TAACTCCCTGTACATGCTGGTCAAAATGAGTCACCACGTGTGGACCGCACAGAACGTGGACCCAGCATCT
 TTTCTAAGTACTACATTAGGAAACGTTTTGGTGACTGTGAAGAGGAACTTTGACAAATGCATTAGTAACC
 AAATAAGACAAATGGAAGAAGTAAAGATCTCAAAGAAAAGTAAAGTAGGAATTTCTCCATTTGTTGCTGA
 ATTTGAAGAAATTTGCTGGGCTCGCAGAATCAATTTTCAAAAATGCTGAACGCCGTGGTGATCTGGACAAA
 GCATACACCAATTAATCAGAGGAGTGTTCAATTAATGTGGAGAAAGTAGCAATGAGAGCCAGAAGACGC
 CCAGGGATGTGGTCATGATGGAGAACTTTCACCATATTTTGAACACTTTCTCGTCTGAAAATCTCATG
 TCTTGAAGCTGAGAAGAAAGAAGCCAAGCAGAAGTACACGGATCACCTTCAGTCTACGTCATTTACTCT
 TTAGGACAGCCCTTGAAAAGCTAAATCATTTTCTTTGAAGGCGTTGAAGCTCGAGTAGCCAGGGCATT
 GGGAGGAGGAGGTGAGCTACCAGCTCGCGTTCAACAAGCAAGAGCTTCGCAAGTCATTAAAGAGTATCC
 AGGCAAGGAGGTGAAGAAGGGCCTGGATAACCTCTACAAGAAGGTAGACAAGCACCTGTGTGAGGAGGAG
 AACTTACTGCAGGTGGTGTGGCACTCCATGCAAGATGAGTTTATACGCCAGTACAAGCACTTCGAGGGGT
 TGATAGCGCGTCTACCCTGGATCTGGAGTTACGATGGAATTCATATTGAGGACATTCTGGATTATTG
 CTCCAGCATCGCACAGTCCCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC024678

Insert Size:	2685 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC024678</u> , <u>AAH24678</u>
RefSeq Size:	3292 bp
RefSeq ORF:	2684 bp
Locus ID:	69940
Cytogenetics:	5
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]