

Product datasheet for **MC222469**

Exoc1 (NM_027270) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc1 (NM_027270) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc1
Synonyms:	2810407P21Rik; A730011E05Rik; SEC3; Sec3l1; Sec3p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222469 representing NM_027270
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGCAATCAAGCATGCGCTGCAGAGAGATATCTTCACACCAATGATGAACGCCTGCTGAGCATCG
 TGAATGTCTGCAAAGCTGGCAAGAAGAAGAAGAACTGTTTTCTGTGTGCCACAGTGACCACTGAACGCC
 CGTGCAGGTGAAGTGGTCAAAGTCAAGAAATCCGACAAGGGAGATTTCTACAAAAGGCAGATTGCTTGG
 GCCCTGCGAGACCTTGCTGTGGTCGACGCCAAAGATGCCATCAAAGAAAACCCGGAATTTGATTTGCATT
 TTGAGAAGGTCTATAAGTGGTGGCCAGCAGCAGCGCTGAGAAGAACGCCTTCATCTCCTGCATTTGGAA
 GCTGAACCAGCGCTACCTGCGCAAGAAAATCGACTTTGTTAATGTTAGCTCGCAGCTTTTGAAGAAGCTG
 CCTAAAGTTACAGAAGAATCTGTTCCAAGCGGAGAGAATCAGAGTGTAGCGGGAGGGGATGAAGAAGCGG
 TAGATGAGTACCAAGAGTAAATGCAAGAGAAGAGCAGGACATCGAGATAATGATGGAAGGCTGCGAGTG
 CGCCATTTCTAACGCTGAAGCCTTTGCGGAGAAGTTGTCCGGGAGCTGCAGGTGCTCGATGGGGCCAAC
 ATTCAGTCAATCATGGCCTCTGAGAAAACAAGTGAACACCCTGATGCAAGTTGCTGGATGAGGCGCTAACGG
 AGGTGGACCAGATTGAACTGAAACTGAGCAGTTACGAGGAGATGCTCAAAGTGTGAAAGAGCAGATGGA
 TCAGATCTCTGAGAGCAACCACCTGATCCATCTCAGCAACACGAATAATGTGAAGCTCCTGTCCGAGATA
 GAGTTCCTCGTGAACCACATGGACTTGGCCAAAGGTCAATAAAGGCCCTTCAGGAAGGAGATCTTGTTT
 CTTCCCGAGGCATCGAGGCTGCACCAACGCTGCTGACGCCCTGCTGCAGTGCATGAACGTTGCTCTTCG
 CCCAGGCCATGACATGCTCCTGGCCGTCAAGCAGCAGCAGCAGCGCTTCAGTGACCTGAGGGAACATTTG
 GCCCGGAGACTGGCCAGCCATCTCAACAATGTTTTTGTCAACAGGGTCATGATCAGAGCTTGCCTCACTTG
 CTCAGCACTCTGTTGAACTGACTCTACCAATCACCATCCATTTTCATAGAGACTTGCCTCCGCTAGCCAA
 GCTGATGGAGTGGCTAAAGAGTACAGACTATGGAAAATACGAGGGACTAACAAAGAATTACATGGATTAT
 TTATCCCGACTATATGAAAGAGAATCAAAGATTTCTTTGAAGTTGCAAAGATGAAGATGACTGGCACCT
 CTAAGAAAAGCAAGAAGTTTGCTACACTGCCTCGAAAAGAAAAGTGTGTCAAGCAGGAAACAGAGAGTCT
 CCATGGAAGCTCTGGGAACTCACTGGATCAACTTCTAGTCTGAATAAACTCAGTGTTCAGAGCTCGGGC
 AGTCGCAGGTCCCAGTCGTCCTCCCTACTGGACATGGGGAACATGTCTGCCTCTGACCTCGATGTGGCTG
 ACAGAACCAAGTTTGATAAGATCTTTGAACAGGTGCTGAGTGAAGTGGAGCCACTGTGTCTGGCAGAACA
 GGACTTCATAAGTAAATTTTTCAAACACAGCAGCATCAAACATGTCTGCATCAATGACTGAAGCAGAA
 GACCTGGATGGAGGCTCGTTATTACGGCAGCACAGTTCTGGCACCTGCTCCCTGTTTCTCTGAAAAAG
 ATATGATTCGCCAAATGATGATCAAATATTCCGTTGCATTGAACCAGAACTGAACAACCTAATTGCATT
 AGGAGACAAAGTAGATAGCTTAACTCCCTGTACATGCTGGTCAAATGAGTCACCACGTGTGGACCCGA
 CAGAAGCTGGACCCAGCATCTTTTAAAGTACTACATTAGGAAACGTTTTGGTGAAGTGTGAAGAGGAACT
 TTGACAAATGCATTAGTAACCAATAAGACAAATGGAAGAAGTAAAGATCTCAAAGAAAAGTAAAGTAGG
 AATTCTTCCATTTGTTGCTGAATTTGAAGAATTTGCTGGGCTCGCAGAATCAATTTTTCAAAAATGCTGAA
 CGCCGTGGCGATCTGGACAAAGCATACACCAAAATTAATCAGAGGAGTGTTCATTAATGTGGAGAAAGTAG
 CAAATGAGAGCCAGAAGACGCCAGGGATGTGGTCATGATGGAGAAGTTTCAACATATTTTGAACACT
 TTCTCGTCTGAAAATCTCATGTCTTGAAGCTGAGAAGAAAAGAAGCAAGCAGAAGTACACGGATCACCTT
 CAGTCTACGTCAATTTACTCTTTAGGACAGCCCTTGAAGGCTAAATCAATTTCTTTGAAGGCGTTGAAG
 CTCGAGTAGCCAGGCATTGCGGAGGAGGAGGTGAGCTACCAGCTTGCCTTCAACAAGCAAGAGCTTCG
 CAAAGTCATTAAGAGTATCCAGGCAAGGAGGTGAAGAAGGGCCTGGACAACCTCTACAAGAAGGTAGAC
 AAGCACCTGTGTGAGGAGGAGAACTTACTGCAGGTGGTGTGGCACTCCATGCAAGATGAGTTTATACGCC
 AGTACAAGCACTTCGAGGGGTTGATAGCGCGCTGCTACCCTGGATCTGGAGTTACGATGGAATTCATAT
 TCAGGACATTCTGGATTATTGCTCCAGCATCGCACAGTCCCAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027270

Insert Size:	2706 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:	<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_027270.2</u> , <u>NP_081546.1</u>
RefSeq Size:	3396 bp
RefSeq ORF:	2706 bp
Locus ID:	69940
Cytogenetics:	5
Gene Summary:	<p>Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) lacks an alternate in-frame exon and contains another alternate in-frame exon compared to variant 4. The resulting isoform (1) has the same N- and C-termini but is shorter compared to isoform 4.</p>