

Product datasheet for **RN209070**

Exoc3 (NM_001024964) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc3 (NM_001024964) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc3
Synonyms:	rSec6; Sec6; Sec6l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209070 representing NM_001024964
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCAAAGATTCTGCCTGCTTTTCGACTATGAAGGAGACAGACCTGGAGGCTGTTGCAACAGCAGTCC
 AAAGGGTGGCTGGGATGCTTCAGCGCCAGACCAGCTGGACAAAGTGGAGCAGTATCGCAGAAGGGAGGC
 TCGGAAGAAGGCCTCTGTGGAGGCCAGGCTAAAGGCCGCAATCCAGTCTCAACTAGATGGCGTCCGCACA
 GGCCTAAGCCAAGTGCACAATGCACTGAATGATGTCAAGGATATCCAGCAGTCACTGGCTGATGTGAGCA
 AGGACTGGAGGCAGAGCATCAACACCATCGAGAGTCTCAAGGACGTAAAAGACGCAGTGGTGCAGCACAG
 CCAGCTGGCTGCAGCTGTGGAGAACCTCAAGAACATATTCTGTGCCTGAGATTGTGAGGGAGACCCAA
 GATCTCATCGAGCAAGGGCTCTCCTGCAGGCCACCGGAAGCTAATGGATCTGGAGTGTCCCGGGATG
 GGCTAATGTGTGAGCAGTACCGCATGGACAGTGGGAACAACGGGACATGACCCTCATTGCTACTT
 CGGTAGCACACAGGGCTCTCTGACGAGCTGGCCAAGCAGCTGTGGATGGTGTGCTGCAAAGATCGCTGGT
 ACTGTCCGCCGGGATCCACCTTGTCTGGTCTCCGTGGTCAAGGATCATTGAAAGGGGAGAAAAAATTGACA
 GGCGGATACTTGATCGAAAAAGCAAATGGGTTTGTTCCTCCTGGAAGGCCAAAAAAGTGAAGGAAAA
 AATGTTTGGCGTCTTGGACAGAACTGTGACGACTAGAATCGAAGGCACGCAGCGGACACCAAGAGAACT
 GACAAGATGTGGCTCGTGCGCCACCTGGAGATCATTAGGAAGTACGTCTGGATGACCTCGTCATCGCCA
 AGAACCTGCTGGTGCAGTGTCCCTCCTCACTATGACATCTTTAAGAACCTCCTGAGCATGTACCACCA
 GGCCTTGAGCATTGGATGCAGGACCTCGCTCAGAGGACCTTGAGGCCAACGAGATTGTGAGCCTTTG
 ACCTGGGTCTAAATACCTACACCAGTGCAGAGATGATGGGAATGTGGAGCTGGCCCCAGAGGTGGACG
 TTAATGCCCTGGAACCGTCTCTCAACAAACGTGGTCTCTGAGCTGCTGCACACATACATGTCAACACT
 CAGTCCAACATCATTGCCTGGCTTCGGAAGCACTGGAGACAGACAAGAAAGACTGGAGCAAGAGACG
 GAGCCGGAAGCAGACCAGGACGGCTATTATCAGACGACACTTCCTGCCATTGTATTCCAGATGTTTGAAC
 AGAATCTTCAAGTTGCTGCTCAAATAAGTGAAGATTTGAAAACAAAGGTATTAGTTTTGTCTTCAGCA
 AATGAATCTTTCCTAAGTAGATACAAAGAGGAAGCCAGCTTTACAAAGAGGAGCACCTGAGAAACCGG
 CAGCACCCACACTGTTACGTGCAGTACATGGTCGCCATCATCAATAACTGCCAGACCTTCAAAGAATCCA
 TCATCAGTCTGAAAAGAAAATACCTAAAACCCGAAACAGAGGAAAGCCTGTGTGAGAGTCAAGCCAGCAT
 GGATGGGATTCTAGATGCCATTGCTAAGGAAGGCTGCAGCAGTCTGCTAGAGGAGGTCTTCTGGATCTA
 GAGCAACATCTGAATGAGCTAATGACAAAGAAGTGGATGTTAGGATCAAATGCTGTGGACATCATCTGTG
 TCACCGTAGAAGACTACTTCAATGACTTCGCCAAAATAAAAAGCCATACAAAAAGAGGATGACAGCTGA
 GGCACACAGGCGTGTGGTGGTGAATACCTGCGGGCTGTGATGCAGAAGCGTATTTCTTTCGGAGTGTCT
 GAAGAGCGCAAGGAGGGTGTGAGAAGATGGTCAGAGAGGCGGAACAGCTCCGCTTCTGTTCCGGAAAGC
 TGGCATCTGGATTTGGTGGATGCAGATGGACACTGTGACACAATCGTTGCAAGTGGCAGAGGTCATTAA
 GCTCACGGACCCGTCTGCTCTACCTAGAAGTCTCAACTCTGGTCAGCAAAATCCAGACATCAGAGAT
 GACCATATTGGTGCCTGCTGGCACTGCGAGGAGACGCCAGCCGGGACATGAAGCAGACCATCATGGAGA
 CACTGGAGCAGGGCCCCATGCAAGCGAGCCCAACTATGTGCCATCTTCCAGGAGATTGTGGTGGCCAG
 TCTGAACGTGGCAAAGCTCCTTAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001024964
Insert Size: 2268 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:	NM_001024964.1 , NP_001020135.1
RefSeq Size:	2420 bp
RefSeq ORF:	2268 bp
Locus ID:	252881
UniProt ID:	Q62825
Cytogenetics:	1p11
Gene Summary:	may be involved in the later stages of vesicle trafficking [RGD, Feb 2006]