

Product datasheet for **RN200587**

Exoc4 (NM_053875) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc4 (NM_053875) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc4
Synonyms:	ALR; Sec8; Sec8l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200587 representing NM_053875
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCAGAAGCAGCTGGTGGGAAATACAGGAGCACAGTCAGCAAAGCAAAGACCCCTCGGGGCTGC
 TCATCTCGGTGATCAGGACTCTGTCTACCAGTGATGATGTTGAAGACCGAGAAAAATGAGAAAGGTCGCCT
 TGAAAGAAGCCTATGAGAAGTGTGACCGTGACCTGGATGAATTGATCGTTCAGCACTACACAGAATTGACA
 ACAGCCATTTCGCACATACCAGAGCATCACAGAACGCATCACTAACTCCAGGAATAAAATCAAGCAGGTAA
 AAGAGAACCTGCTTCTGCAAGATGCTTTCATTGCAAACGGGATGAGCTTCGTAACATATGGATTGA
 AGGAATTGAGCATAAGCATGTCTGAACCTTCTGGATGAGATTGAAAACATCAAGCAAGTGCCTCAAAG
 CTGGAACAGTGCATGGCCAGCAAGCACTACCTCAGCGCCACGGACATGCTGGTGCAGCAGTGGAGTCTC
 TGGAGGGTCCGCTGCTCCAGGTGGAAGGACTCAGTGACCTCAGGTGGAACCTCACAGCAAGAAGATGAA
 CCTGCACCTGGTTCTCATAGAGGAACTGCACCGACATCTGTACATCAAATCCACTAGCCGGTGTACAG
 CGTAACAAGGAAAAAGGGGAAGATGAGTTCTCATGGCAAAGATGCTTCTCCTGGTCTCTGATTGATGTTT
 CAAACATCTCTACTCCACGCAAATTCCTTGATGCCACTCAATATTCGCTGCTGGAGCTCAAGTGTGAG
 GGAGATGAACCTGCAGGACATCAAAGAGGACTGGACTGTGATCCTGAGGAGAACAGCACTCTTTTCATG
 GGAATCTTATTCAGGGGCTGGCCAGACTGAAGAAGATCCCTGAGACCGTTAAAGCCATTAAGAGCGTT
 TGGAGCAGGAGCTAAAGCAGATTGTGAAGAGGTCAACCACCCAGGTGGCAGACAGTGCCTATCAGAGGGG
 AGAGAGCCTCACTGTGGACAACCAAGGTTACTTCTAGAAGTGTGGAAGTGTGTTGATAAGTTT
 AATGCTGTAGCCAGTGCACATTCATAGTCTGGGGTACCTTCAGGACTCTGTGGGACCCAGCCAAACAC
 AGCAGGAAGAGATCAAATTATACGATATGGCAGATGTGTGGTGAAGATCCAGGATGTGCTGCAGATGCT
 GTTGACTGAATACTTGGATATGAAGAACACACGTACTGCCGTGAGAGCCGTGAGCTCAACTAAGCTATGCC
 AGTACTGGACGAGAGTTCGCAGCCTTTTTTGGCAAAGAAGAAACCAGAAAGGCCAAAGAATTCCTTTTTCA
 AGTTTGAATCATCCTCCCATGCTATCAGTATGAGCGCCTATCTCCGAGAACAGAGAAGGGAGCTGTACAG
 TCGGAGTGGAGAACTTCAAGGAGTCTGATGACAACCTAATTGAAGGTGGAGGAACAAAATTTGCTGTC
 AAACCTGGAGCCAGAAATATTACCGTCATATCCATCCACTGCTGAGATTTATTCAGGAGATTGAGCATG
 CCCTGGGACTTGGCCCTGCCAAACAGTGTCTCCTTCGAGAGTTTCTCACTATATATCAAGAACATCTT
 CCTAATCAGGTCTTACTGAGATCAACAAGGAGATCGAAGGTGTACCAAAAACCTCAGACCCCTTGAAG
 ATCCTAGCTAATGCAGACACCATGAAGGTTCTGGGCGTGCAGAGGCTCTTCTACAGAGCACCATCATCG
 TGGAGAAGACAGTACAAGACCTCATGAACCTGATGCATGACTTGAGTGCATATTCAGATCAGTTCCTCAA
 CATGGTGTGTGAAGCTACAGGAATACAAGGACACATGTCCACAGCCTACAGAGGCATTGTCCATCA
 GAAGAGAAACTTGTATCAGTGCATCTTGGGCAAAAGATGATGATATCAGCAGACTCTTGAATCACTGC
 CGAACTGGACTAACATGGCTCAGCCAAACAGCTAAGGCCAAGAGAGAGGAGGAGGAAAGACTTCATAAG
 GGCAGCCTTTGGCAAGGAGTCTGAGGTTCTGATTGGAAACCTTGGTGACAAACTCATTCTCCACAAGAT
 ATTCTCCGTGACGTGACTGACCTCAAAGCCTTGGCCAACATGCATGAAAGCCTGGAATGGCTGGCAGGCC
 GAACAAAGTCAGCTTCTCCAGCCTTCTGCATCCAGATGCTTCCCTGCTCAAGAGAGCCACGTAAA
 CATGGACCTTCTCCAGTGTCTGAACAGATCATGCAGACGCTGAGTGAACCTTGGCAAGTCTTCCAGGAC
 ATGGCTGACCGCTGCTTGTCTGCTTGCATCTGGAAGTGAGAGTTCATTGTTTCCACTATCTCATCCCTC
 TGGCAAAGGAGGGAACTATGCCATTGTGGCAATGTGGAAGCATGGATTATGACCCTTATGAGTGTCAA
 GCTCAACAAAGACATCAGTGCCATGGAAGAGGCCATGAGCGCCAGCCTCCAGCAACAAGTTCAGTAC
 ATCTTCGAAGGTCTGGGACACCTCATCTCCTGTATCCTCATTAAATGGGGCTCAGTACTTCCGGGCATCA
 GTGAGTCTGGCATCAAGAAAATGTGTAGAAACATTTTTGTTCTTTCAGCAGAAATTTGACCAACATCACCAT
 GTCACGGGAGGCAGACTTGGACTTTCAGACAGTACTACGAGATGCTGTACAACACTGCTGATGAGCTC
 CTGAACCTGGTGGTGGACCAGGGTGTGAAATACACAGAGCTAGAGTACATCCATGCCCTGACCCTGCTGC
 ACCGAAGCCAGACTGGCGTGGGGGACCAGACCACCCAGAACCAGGCTGCAGAGACTCAAGGAGATCAT
 CTGTGAGCAGGCTGCCATCAAGCAAGCCACCAAGGACAAGAAAATAACCACTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053875
Insert Size:	2928 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_053875.1</u> , <u>NP_446327.1</u>
RefSeq Size:	3509 bp
RefSeq ORF:	2928 bp
Locus ID:	116654
UniProt ID:	<u>Q62824</u>
Cytogenetics:	4q22
Gene Summary:	involved in Golgi-to-plasma membrane vesicle trafficking [RGD, Feb 2006]