

Product datasheet for **RN215266**

Exoc8 (NM_139043) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc8 (NM_139043) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc8
Synonyms:	Exo84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215266 representing NM_139043
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACACGGGGCGAGCCGCTGCGGAGGACAGTGGAGTCGGGGGCTTCGAGGCGCGGCTGTACG
 TGAAGCAACTGTCGCAGCAGTCGGACGGCGACCCGACCTGCAGGAGCACCGACAGCGGGTGCAGGCGCT
 GGCGGAGGAGACGGCGCAGAACCTGAAGCGCAACGTCTACCAGAACTACCGGAGTTCATCGAGACGGCG
 CGCGAGATCTCCTACCTGGAGAGCGAGATGTACCAGCTGAGCCACCTGCTGACGGAGCAGAAGAGCAGTC
 TGGAGAGCATCCCCTGGCACTGCTGCCCGCCGCTGCCGCGGGCGCATCCACGGGTGAGGACACGGCGGG
 CGCGGGACCGGGGAGCGCGGGGCGCCAGGCGGGCTTTCTCCGGGGCCGGGAGTCCCTCGCGAG
 GGCCCCGGGACGGGAGAGGAGGGCAAGCAGCGAACGCTCACACGCTGCTGGAGAAGGTGGAGGGCTGCA
 GGGACCTGCTGGAGACACCAGGTCAGTACCTTGTGTACAACGGGACCTGGTGAATACGAGGCAGACCA
 TATGGCCAGCTGCAGCGAGTGCATGGCTTCTCATGAACGACTGTCTGCTGGTGGCCACTTGGCTACCA
 CAACGGCGAGGCATGTACCGCTACAACGCACTCTACCCACTGGACCGCCTGGCTGTGGTCAACGTCAAAG
 ACAATCCACCTATGAAAGACATGTTCAAGCTGCTCATGTTCCCTGAGAGCCGAATCTTTCAAGCGGAAAA
 TGCCAAGATTAACCGCGAGTGGCTGGAAGTGTGGAGGAAACCAAGAGGGCGCTCAGCGACAAGAGGAGA
 CGGGAGCAGGAGGAGGCAGCCGCTTGGCTGCGCCACCACCGGTCACTTCCAAGGGCAGCAACCCGTTTG
 AGGATGAGGCCGAGGAGAACTGGCCACCCCGGAGGCAGAGGAGGAAAAGGTTGACCTTTCCATGGAGTG
 GATCCAGGAGTTGCCGGAAGACCTGGATGTTTGTATTGCGCAGAGGGACTTTGAGGTTGCCGTGGACTTG
 CTGGACAAATTAATCACTATCTTGAAGATAAGCCAGCCACCTTCTGTGAAAGAGCTGAGGGCCAAAG
 TGGATGAACGAGTGCACAGCTCACCGAGGTGCTTGTGTTGAGCTCTCCCGGATCGCTCTCTGAGAGG
 TGGCCCTAAGGCTACTCGAAGGGCAGTGTCTCAACTGATCCGCTCTCGGCCAGTGCACCTAAGGCTTGTGAG
 CTGTTTCTGAGGAACAGGGCGGAGCTGTGCATACTGCCATCCGCCAGCTTCAATTGAGGGCGCCACTC
 TGCTCTATATTCACAAGCTGTGCCATGTCTTACCAGCCTCTAGAGACTGCACGGGAGTTGAGAC
 AGACTTTGCAGGCACGGACAGTGGCTGCTACTCTGCCTTTGTGGTCTGGGCAAGGTCTGCCATGGGCATG
 TTCGTGGATGCTTTCAGCAAGCAGGTTTTTACAGCAAGGAGAGCCTGTCCACTGCTGCCGAGTGTGTGA
 AGGTAGCCAAGGAGCACTGCCAGCAGCTGGGAGAGATTGGGCTGGATCTCACCTTCATCATCCATGCCCT
 CCTGGTGAAGGACATCCAGGGGGCCTTGTCTCAGTTACAAGGAGATTATCATTGAAGCCACCAAGCACCGA
 AACTCGGAGGAGATGTGGCGTCGGATGAACCTGATGACTCCTGAGGCCCTGGGCAAGCTCAAGGAGGAGA
 TGAGAAGTTGCGGGTCACTAATTTGAGCAGTATACGGGGGATGACTGCTGGGTGAACCTGAGCTACAC
 TGTGGTAGCCTTACCAAGCAGACCATGGGCTTCTGGAGGAGGCACTGAACTGTACTCCAGAGCTA
 CACATGGTGTCTCTGGAGAGTCTGGTGAAGTCATACTGGTTGCTGTGCAGCATGTGGACTACAGCCTGC
 GCTGTGAGCAGGACCCAGAGAAGAAGACTTTTCATCCGGCAGAACGCATCCTTCTTTACGACACTGTCT
 CCCAGTGGTGGAGAGGAGGTTTGGAGGAAGGTGTAGGGAAGCCTGCCAAGCAGCTGCAGGACCTTCGGAAT
 GCATCGAGACTCTGCGGGTGAATCCTGAGAGCACACGCTCTGTGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_139043

Insert Size: 2151 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_139043.1</u> , <u>NP_620612.1</u>
RefSeq Size:	2498 bp
RefSeq ORF:	2151 bp
Locus ID:	245709
UniProt ID:	<u>O54924</u>
Cytogenetics:	19q12
Gene Summary:	encodes a subunit of the exocyst complex, an exocytosis-associated complex specifically located at sites of vesicle fusion [RGD, Feb 2006]