

Product datasheet for **RN213378**

Exoc2 (NM_134414) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc2 (NM_134414) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc2
Synonyms:	Rsec5; Sec5l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN213378 representing NM_134414

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTCCTCGATCCCGGCAGCCTCCACTTGTGACAGGCATCTCTCCAAATGAAGGGATTCTTGGACCAAAG
TCACAATTAGAGGGGAGAATCTGGGTACTGGTCCCACTGACCTTATAGGCTTGACAATTTGTGGACATAA
TTGCCTCCTCACGGCAGAATGGATGTCTGCAAGTAAAATTGTCTGTGAGTGGGACAAGCAAAAAATGAC
AAAGGAGACATTATTGTCAACCAAGTCAGGGGCGAGGGAACCTCAACTGTCTCTTTAAGCTACTCA
AACCTGAAAAATAGGCATTTTGGATCAGTCTGCAGTGTGGGTGGATGAGATGAATTATTATGATATGCG
GACTGACAGGAATAAGGGGATTCCCCCTTGTCACTTCGTCTGCGAATCCTCTCGGCATTGAAATTGAG
AAGTGAACTTCTCAGAAGAACTTAGAAGTGTATTCCATGGCATGAGTGTGATTTTACGAGTGAGA
ATTTTTCAGCAGCCTGGTATCTCATAGAGAACCCTCCAACACCAGTTTGGAGCAGCTCAAGATGGCAGT
TACCAACCTCAAAGGCAGGCCAACAAGAAGAGCGAGGGTAGTCTAGCGTATGTGAAGGGCGGCCTCAGT
ACCTTCTTTGAAGCTCAAGATGCTCTCTCAGCTATCCATCAAAAACTAGAAGCAGACGGAACAGAAAAAG
TAGAAGGATCCATGACACAGAAATTGGAGAATGTCTCAACAGAGCAAGTAATACTGCTGACACATTGTT
TCAAGAAGTGTTAGTTCGGAAGACAAGGCAGATTCCACTAGGAATGCACTCAACGTGCTTCAGCGGTTT
AAATTTCTCTTCAACCTTCTCTCAATATCAAACGGAACATTCAAAGGGGGATTATGATGTGGTTATTA
ATGATTATGAAAAAGCCAAATCGCTCTTTGGGAAAACGGAGGTGCAAGTTTCAAGAAATATTATGCTGA
AGTAGAGGCAGGAATTGAAGATCTAAGAGAGTTACTTCTAAAGAACTGCTCGAGACTCCGTCAACCTTA
CATGACCAGAAGCGTTACATAAGGTATCTTTCTGACCTCCATGCTCTGGTGATCCTGCTTGGCAGTGTA
TCGGAGCTCAGCACAAGTGGACCTCAAACCTCATGCAAGACTGCAAGAAGGCCACATGAAGAGCCTGAA
AGGTAACCCAGGCCACACAGCCCCATGCTTGACCTAGATAATGATGCCGCCCTCTGTGTTGGGCCAT
CTCAGTCAGACAGCATCACTGAAGAGAGGCAGCAGCTTCCAGTCTGGTCGAGATGACACATGGAGGTACA
AGACGCCCCACAGAGTGGCATTGTTGAAAAATTAACGAAGCTTGTGTTAAGTCAGCTGCCTAACTCTG
GAACTCTGGATTTTATATGTTAATGGAAGTCTGTTCACTGAGACAGCTGAGAAGTCAGGCCAGATTGAA
AGATCAAAGAATGTGAGGCAAAGACAAATGATTTCAAGAAATGATTCAAGAAGTAATGCACTCCCTGG
TGAAGTTGATCCGGGAGCCCTGCTCCATTACGCTCCGAGAAGGGGATGGGAGACAGTATGGCGGCTG
GGAGGTGCAGGCAGAGCTCTCGGGCAGTGGCTCGCACACGTTATCCAGACCATAAGGCTGACATATGAA
TCACTGACCGCTCTGGAGATTCCAATGACATGTTACAGATTATCCAGGACCTGATTTTGGATCTCCGTA
TACGTTGCATAATGGTGACGTTGCAACATACAGCTGAAGAGATAAAGAGATTAGCTGAAAAAGAAGATTG
GATTGTTGATAACGAAGGACTGACTTCCCTACCATGTCAGTTTGAACAGAGCATTGTTCACTCCCTGCAG
TCGTTGAAGGGTGTGTGGATTGCAAACCTGGAGAAGCCAGTGTCTTTCAGCAGCCTAAAACCCAGGAGG
AGGTTTGGCAGTTGTGCATCAGTATCATGCAGTTTTTATATACTGCCTGGAACAACTGAGCACCAAGCC
TGATGCGGACATAGATACTACTCATCTTCTGTTGATGTTTCTTCTCTGATTTGTTTGAAGCATCCAT
GAAGACTTCGGTTTGACTTCAGAGCAGAGGCTTTTGATAGTCTGAGTAATTGCTGCTATTTAGAACGTC
ACACCTTCCTAACATAGCAGAACATTTTGAAGAGCACAACCTCCAGGGAATAGAAAAATAACACAGGT
TAGTATGGCATCACTGAAAGAACTGGATCAACGACTCTTTGAAAATTACATTGAGCTAAAAGCAGATCCT
ATTGTTGGATCCTTGAAACTGGGATATATGCAGGCTATTTTGATTGGAAGACTGTCTGCCTCCAGCAG
GTGTCAGAAACTATTTAAAGAAGCACTGGTGAATATAATTGCTGTGCATGCAGAGGTGTTCACTATTTT
CAAAGAACTGGTGCCCGGGTCTGGCCAGAGTGATAGAAGCAGTCTCTGAAGAGCTGAGCCGGCTGATG
CAGTGTGTCTCATCTTCAGCAGAAATGGAGCGCTGCAGGCCAGACTTGAAATCTGTGCTCTGAGGGACA
CTGTAGCCATTTACCTGACCCCGGAGAGCAGGTCTAGTTTAAACAGGCCCTGGAGGCCCTGCCTCAGCT
TGCAAGTGGTGCAGACAAAAGCTACTGGAAGAGCTGCTCAACAAGTTCAAGAGCAGTATGCACTTGCAG
CTCACCTGCTTCAAGCTGCGTCTCCAACAGTGATGAAGACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_134414
Insert Size:	2775 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.
RefSeq:	<u>NM_134414.2</u> , <u>NP_599241.2</u>
RefSeq Size:	4379 bp
RefSeq ORF:	2775 bp
Locus ID:	171455
UniProt ID:	<u>O54921</u>
Cytogenetics:	17p12
Gene Summary:	a putative secretory protein that may be involved in vesicle fusion [RGD, Feb 2006]