

Product datasheet for **RN201614**

Exoc5 (NM_022204) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc5 (NM_022204) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc5
Synonyms:	Sec10l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201614 representing NM_022204
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACGACGGCCGAGCTCTTCGAGGAGCCTTTTGTGGCCGATGAATACATTGAACGTCTCGTGTGGA
 GAACCCCGGAGGTGGTTCTAGGGGTGGACCTGAAGCTTTTGATCCTAAAAGTTATTAGAAGAATTTGT
 GAATCATATTC AAGAACTACAGATAATGGATGAAAGGATTC AAGGAAAGTAGAGAAGTTAGAACAGCAG
 TGT CAGAAGGAGGCAAAGGAGTTTGCTAAGAAGGTACAAGAGCTGCAGAAAAGCAACCAGGTTGCTTTCC
 AACATTTCCAAGAAGTAGATGAACACATTAGCTATGTAGCTACCAAAGTGTGCACCTTGGAGACCAGTT
 GGAAGGGGTAAACACACCTAGACAGCGTGCAGTGGAGGCGCAGAAATTGATGAAATACTTTAATGAGTTT
 CTAGATGGAGAATTGAAATCTGATGTTTTTACAAATCCTGAAAAGATCAAGGAAGCAGCAGACGTCATTC
 AGAAACTGCATCTGATCGCCAGGAGTTACCTTTCGATAGGTTTTCAGAAGTAAAATCCAAAATTGCAAG
 TAAATACCACGACTTAGAATGCCAGCTGATTCAGGAGTTTACCAGTGCACAACGAAGAGGTGAGGTCTCC
 CGGATGAGGGAGGTGGCAGCTGTCTGCTTCAATTTAAGGGTTATTCCCACTGTATTGATGTTTATATAA
 AGCAGTGCCAGGAGGGTCTTACTTGAGAAATGATATATTCGAAGACGCAGCAATTCCTGTGCAGCGAGT
 GAACAAGCAAGTTGGAGATATCTTTAGTAATCCAGAAGCAGTACTGGCTAAGCTTATTCAGAATGTGTTT
 GAAGTCAAACACAGAGTTTTGTGAAAGATCAGTTAGAAGAATGTAGGAAATCGGATGCTGAGCAGTATC
 TAAAAGTCTGTATGATCTGTACACAAGAACCACAGTCTTCCAGCAAATTTGATGGAGTTTAACTTAGG
 TACTGATAAACAGACTTTCTGTCTAAGCTTATCAAATCCATTTTCGTTTCCTATCTGGAGAAGTATATT
 GAAGTGGAGATTGGATATTTGAAAAGCAGAAGTCTATGATCCTACAGCGCTATTATGATTCAAAAAACC
 ACCAAAGAGATCCATTGGCACAGGAGTTTCAAGATTTGAAAAGAAAGGATTAGACAACGTACCAACT
 ACCACTGGGGCCAAGTATTGACACACATGGGGAGACTTTCCCTATCTCAAGAAGTGGTAGTTAATCTTTTA
 CAAGAAACCAACAAGCCTTTGAAAAGTGTATAGGCTTTCTGATCCTTCTGATTTACCAAGGAATGCCT
 TTAGAATTTTTACCATTCTGTGGAATTTTTATGTATTGAGCATATTGATTATGCTTTAGAAACGGGGCT
 TGCTGGAATTCATCATCAGATTCTAGGAACGCAAATCTCTATTTTTGGATGTTGTACAACAGGCCAAT
 ACTATTTTTCATCTTTTGGACAAACAGTTTAAATGATCACCTAATGCCACTAATAAGCTCTTCTCCTAAGT
 TGTCTGAATGCCTCCAGAAGAAGAAGGAGATAATTGAGCAGATGGAGATGAAGTTGGACTGGCATCGA
 TAGGACGTTAAATGTATGATTGGACAGATGAAGCACATCTTGGCTGCAGAACAAAAGAAAACAGATTTT
 AAGCCAGAAGATGAAAACAATGTTTTGATTCAGTATACTAATGCATGTGTAAAGTTTGTGCTTATGTAA
 GAAAACAAGTTGAGAAGATTAAGAAATCCATGGATGGGAAGAATGTGGACACGGTCTGATGGAGCTCGG
 AGTACGTTTCCACCGGCTTACTTATGAGCATCTTCAACAATATTCCTACAGTTGTATGGGCGCATGCTT
 GCAATTTGCGACGTTGCTGAATATAGAAAATGTGCCAAAGACTTCAAGATTCCAATGGTATTACATCTTT
 TTGATACTCTGCATGCACCTTGAATCTCCTAGTCGTTGCTCCAGATAATTTAAAGCAAGTCTGCTCAGG
 AGAACAACGGCCAATCTGGACAAGAACAATACTCCACTCCTTCGTCAGCTTCGAGCTGACTATAGATCC
 GCCCGCTGGCTCGGCACTTCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022204

Insert Size: 2127 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_022204.3</u> , <u>NP_071540.1</u>
RefSeq Size:	2700 bp
RefSeq ORF:	2127 bp
Locus ID:	60627
UniProt ID:	<u>P97878</u>
Cytogenetics:	15p14
Gene Summary:	may play a role in exocytosis and neurotransmitter release [RGD, Feb 2006]