

Product datasheet for **RR210076**

Exoc6 (NM_019277) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc6 (NM_019277) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Exoc6
Synonyms:	Sec15; Sec15l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR210076 representing NM_019277
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGAGAGCGGCGAGGCTCTGGGTACGGTCCCGGAGCAGAGCGGATCTTGCAGGAGATCGAAAGCA
 CGGACACCGCCTGCGTAGGGCCACCCTTCGGTCTGTGTATGATGGTCAGCCAAATGCACACAAGAAGTT
 CATGAAAAGCTAGATGCCTGCATCCGCAACCATGACAAGGAGATTGAGAAAATGTGTAACCTCCATCAC
 CAGGGCTTTGTAGATGCTATCACAGAGCTCCTCAAAGTAAGGGCGGACGCAGAAAAGCTGAAGGTCCAGG
 TTAAGTATACCAACCGAAGGTTCCAAGATGCTGGAAAAGAGGTGATAGAACAACAGAAGATATTATTCTG
 GTGTAGAATTACGAGAGAAATATTACAACCGTAGTAGAAAATTGCAGTTATGCCTGCCAGTGTGGAG
 ATGTACAGTAACTGAAGGAACAGATGAGCATGCAGAGGTATTATTCTGCACTTAAACAATGGAACAGT
 TAGAGAACGTATACTTTCTCGGGTAGCCAGTACCGCTTCTGTCAGCTCATGATGGACACACTTCTAA
 ACTCCGGGAGGATATCAAAGACATCTCCATGTCTGACCTCAAGGACTTTCTGGAAAGCATTGCAAGCAT
 TCTGACAAAATAGGGGAAACAGCCATGAAACAGGCACAACAGCAGAAAGAGCTTCAGTATTGCTGTACAGA
 AGCAAAACCAATATGAGGTTTGGGAAAAATATGCATGTAACAATGACAGGACTCTAGAGGAAAAGAGTGA
 CATCACTGAAGCACACACTTGAGGAGGAGGCCGAGAATGACGAGGAGGTCTTAAGTGTCAAGATCTC
 GTTGACTTTTCCCTGTTACCGATGCTCACACATTTATTCTGCTTTGGGTGATGAAGAAACATTTGAAA
 ATTATTACCGAAGCAAGGAAGAAGCAGGCGCGCTGGTCTGCAGCCGAGTCGAGTGTGCATGAAAC
 AGTTGATGGCTATAGAAGATATTTCACTCAGATTGTAGGGTCTTTGTTGTGAAGATCACATTTTACAT
 GTGACCAAGGATTAGTAACCAAGGCATACACTGATGAACCTGGAACATGGCCCTCTCAAAGATAATTG
 CTGTCTCAGAGCTCACTCATCTTACTGCACTGATCCTGACCTTGTCTGGAGCTGAAGAATCTCATCGT
 CATTTTTGCGGATACTTTGCAGGGTTATGGCTTTTCTGTCAACCGACTCTTTGACCTTCTATTTGAAATA
 AGAGATCAATACAAACGAAACACTGCTTAAGAAATGGGCCGGTATTTTCAGGGACATTTTGAAGAAGATA
 ACTACAGCCCTATTCTATTGGCAGTGAAGAAGATATAAAATGGTCATCAGTAAATTCCTTCCAAGA
 TCCGGACCTTGAAAAGCAATCTTCCCAAAGAAGTTCCCATGTCCAGTCAGTGCCTCTTATTTATATT
 CAAGTTAAAGAATTTATTTATGCCAGTCTTAAATTCTCAGAGTCACTACACCGAAGCTCTACAGAAATAG
 ACGATATGCTTAGGAAGTCAACAAATCTGCTGCTGACCAGGATTCTGAGTAGCTGCTTACTGAACCTCAT
 TAGAAAACCTCACATAGGTTTGACAGAGCTGGTGCAAATTATCATAAACACAACACCTGGAGCAGGCT
 TGCAAATACCTGGAGGACTTTATAACTAACATTACAAATATTTCTCAAGAAACCGTTACACCCACAAGAC
 TTTATGGACTTTTACTTTTAAGGATGCACGACATGCAGCGGAAGGAGAAATATATACCAAACCTCAATCA
 GAAGATTGATGAGTTTGTCCAGCTGGCCGACTACGACTGGACCATGGCTGAGTCGGATGGGAGAGCAAGT
 GGTTATTTAATGGATCTTATTAATTTTTTGAGAAGCATCTTCAAGTATTTACCCACTTGCCTGGGAAAG
 TTGCCAGACAGCTTGCATGTCAGCCTGCCAACATCTGTCCACATCCTTGATGCAGATGCTCCTGGACAG
 CGAGTTAAAGCAGATCAGCATGGGGGCGGTACAGCAGTTTAACTAGACGTCATACAGTGCGAATTGTTT
 GCCAGCTCTGAGCCTGTGCCAGGATTCCAAGGGGACACCTGCAGCTGGCCTTCATTGACCTCAGACAGC
 TCCTTGACTTGTATGGTTTGGGACTGGTCTACTTACCTGGCTGACTATGGGACCCAGCTTCCAAGTA
 CCTCCGGGTGAACCCACACGCCGCCCTTACGCTTTTGGAGAAGATGAAGGACACCAAGTAAGAAGAATAAC
 ATATTTGCCAGTTCCGGAAGAACGACCGGGACAGACAGAAGCTGATCGAGACAGTGGTGAACAGCTCA
 GAGGCTTGGTGACCGGTATGTCCAGCACATG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR210076 representing NM_019277
 Red=Cloning site Green=Tags(s)

MAESGEALGTVPEHERILQEIESTDTACVGPTLRSVYDGGQPNNAHKKFMEKLDACIRNHDKEIEKMCNFHH
 QGFVDAITELLKVRADAELKLVQVDTNRRFQDAGKEVIEQTEDIIRCRIQQRNITTVEKLQLCLPVLE
 MYSKLKEQMSMQRYYSALKTMEQLENVYFPRVSQYRQCQLMMDTLPKLREDIKDISMSDLKDFLESIRKH
 SDKIGETAMKQAQQQKSFSAVQKQTNMRFGKNMHVNNDRTLEEKSDIILKHTLEEEAENDEEVLTVQDL
 VDFSPVYRCSHIYSALGDEETFENYYRKQRKKQARLVLPQSSVHETVDGYRRYFTQIVGFFVVEDHILH
 VTQGLVTRAYTDELWNMALSKIIAVLRAHSSYCTDPDLVLELKNLIVIFADTLQGYGFSVNRLFLLFEI
 RDQYNETLLKKWAGIFRDI FEEDNYSPIPIGSEEEYKMWISKFPFQDPDLEKQSFPPKFPMSQSVPLIYI
 QVKEFIYASLKFSESLHRSSTEIDMLRKSTNLLL TRILSSCLLNLIRKPHIGL TELVQIIINTTHLEQA
 CKYLEDFITNITNISQETVHTTRLYGLSTFKDARHAAEGEITYTKLNQKIDFVQLADYDWTMAESDGRAS
 GYLMDLINFLRSIFQVFTHLPGKVAQTACMSACQHLSTSLMQMLLDSELKQISMGAVQQFNLDVIQCELF
 ASSEPVPGFQGDTLQLAFIDLRQLLDLFMVWDWSTYLADYGQPASKYL RVNPHAALTLEKMKDTSKKN
 IFAQFRKND RDRQKL IETVVKQLRGLVTGMSQHM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfi-MluI

Cloning Scheme:



ACCN: NM_019277

ORF Size: 2412 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_019277.2](#), [NP_062150.2](#)

RefSeq Size: 2703 bp

RefSeq ORF: 2415 bp

Locus ID: 50556

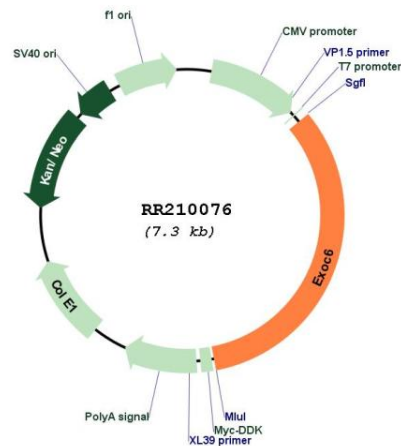
UniProt ID: [O54923](#)

Cytogenetics: 1q53

MW: 93.2 kDa

Gene Summary: component of the complex of proteins involved in secretion [RGD, Feb 2006]

Product images:



Circular map for RR210076