

Product datasheet for **RN202497**

Exoc6b (NM_001109246) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc6b (NM_001109246) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc6b
Synonyms:	RGD1560638
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202497 representing NM_001109246
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAACGGGTGAAGATGGCGGAGGAGAGCCTGGAGACGGCGCGGAGCAGAGCGGATCCTGAGAGAGA
 TCGAGAGCACAGACACGGCCTGCATCGGGCCACGCTCAGGTCTGTTTATGATGGTGAGGAACATGGACG
 ATTCATGGAGAAGCTAGAACTCGTATTCGCAATCATGATAGAGAAATTGAGAAATGTGCAACTTTCAC
 TACCAGGGCTTTGTGGACTCCATTACTGAACTGCTGAAAGTACGAGGAGAAGCCAGAACTCAAGAACC
 AGGTGACGGACACTAACAGGAACTGCAGCAGAGGGCAAGGAACTGGTAATAGCAATGGAAGAGCTGAA
 GCAGTGTGACTACAACAGAGAAATATTTCTGCTACTGTTGATAAGCTAATGTTGTCTTCCAGTCCTA
 GAGATGTACAGTAACTGAGGGACCAGATGAAAACCAAAAGGCATTATCTGCACTGAAGACACTGGAGC
 ATCTGGAACATACCTATCTGCCTCAAGTGAGCCACTATCGATTCTGTAAGGTGATGGTGGACAACATCCC
 TAAGCTTCGGGAAGAAATAAAAGATGTTTCTATGTCTGATCTCAAAGACTTTCTGGAGAGCATCCGCAAG
 CATTTCAGACAAAATTGGAGAGACTGCCATGAAGCAAGCCCAACAGCAAAAGAAACCTGGATAACATTGTCT
 TGCAGCAGCCTAGACTAGGTAGCAAGAGAAAATCTAAGAAAGATGTTTATACAATCTTTGATACAGAGGT
 GGAGAGCACAAGCCCAAAGTCTGAACAGGATTCTGGAATTCTGGATGTGGAAGATGAGGAAGATGATGAA
 GAGGTACCTGGGGCTCAAGACTTGGTGGATTTCTCTCTGTGTATCGGTGTCTACACATATATTCTGTCC
 TGGGTGCCCGTGAACATTTGAGAATTACTACCGAAAACAGAGGCGAAAACAAGCTCGTTTGGTCTCCCA
 GCCTCCATCTAATATGCATGAACTTTAGATGGCTACAGGAAGTATTTCAATCAAATTGTAGGCTTTTTT
 GTGGTAGAAGATCACATTTTGCATACAACCCAGGGCTTAGTGAATAGAGCCTACATTGATGAACTATGGG
 AAATGGCACTTTCAAAGACCATCGCAGCACTGCGCACCCACTCGTCTACTGTTCCGATCCAAACCTTGT
 GTTAGATTTGAAGAACCCTATTGTCTCTTTGCTGACACACTTCAGGTGTATGGCTTTCCTGTGAACCAAG
 CTTTTTGATATGTTGTTAGAAATCAGAGACCAGTATAGCGAGACTCTACTGAAGAAGTGGCGGGGGTTT
 TCAGAAACATACTTGATTCTGACAACTACAGTCCCATACCAAGTAAAGAGTGAAGAGACATATAAAAAAGT
 CGTAGGACAATTTCCATTTCAAGATACAGAACTGGAAAAGCAGCCATTTCCCAAAAAGTTTCTTTCTCT
 GAATTTGTGCCAAAAGTTTACAACCAGATTAAAGAATTTATCTACGCCTGCCTGAAGTTTTCAGAAGATC
 TTCATCTAAGCTCCACCGAAGTTGATGACATGATCCGGAAGTCTACAAACCTGTTGCTGACCAGGACTCT
 GAGCAACTCTCTGCAGAACGTCATTAAGAGGAAGAACATTGGGCTTACTGAGCTTGTCCAGATTATCATC
 AATACAACACACCTGGAGAAGTCTGTAATACCTAGAGGAATTCATACCAATATCACTAATGTCCTTC
 CAGAGACGGTCCACACCACCAAGCTTTATGGTACCACAACCTTCAAGGATGCTAGACATGCAGCTGAAGA
 AGAGATATATACAACTTAAATCAGAAGATTGACCAGTTTCTGCAGCTGGCTGACTACGACTGGATGACA
 GGGGAGCTGGACAACAAAGCTAGTGATTACCTGGTGGACCTCATTGCCTTCCCTCGGAGTACGTTTGCTG
 TATTCACACACCTTCTGGAAAGGTGGCCAGACGCCTGTATGTGAGCTTGCAAGCATTAGCCACTTC
 CTTGATGCAACTTTTGTAGAAGCAGAAGTACGGCAGCTCACTTTGGGAGCATTACAGCAGTTCAATCTG
 GATGTCAGAGAATGTGAACAGTTTGCCAGATCCGGCCCGGTGCCTGGGTTCCAGGAGGACACGCTGCAGT
 TGGCCTTCATCGACTTGAGACAACTATTGGACCTCTTTATTCAGTGGGATTGGTCCACATATCTTGCCGA
 CTATGGACAGCCCACTGCAAGTACCTCCGGGTGAACCTGTGACAGCTCTGACCCTGCTTGAGAAGATG
 AAAGACACTAGCCGAAGAATAACATGTTTGCACAGTTCGGGAAAAATGAGCGAGATAAACAGAACTGA
 TTGACACTGTGGCCAAACAGCTCCGAGGACTCATCAGCAGCCACCACTCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001109246
Insert Size: 2433 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_001109246.1, NP_001102716.1</u>
RefSeq Size:	5432 bp
RefSeq ORF:	2433 bp
Locus ID:	500233
Cytogenetics:	4q34