

## Product datasheet for **RN201896**

### Exoc7 (NM\_022691) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc7 (NM_022691) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Exoc7
Synonyms:	Exo70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201896 representing NM\_022691  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATTCCCCCGCAGGAGGCTTCCGCTCGGCGCGGGAGATCGAGGACAAGCTGAAGCAGGAGGAGAGA  
 CGCTGTCCCTTTATTCGAGACAGCCTGGAGAAGAGCGACCAGCTCACTAAGAACATGGTGTCTATCCTGTC  
 GTCCTTTGAGAGCCGACTCATGAAGCTGGAGAACTCCATCATCCCTGTGACAAGCAGACAGAGAACCTA  
 CAGAGGCTGCAGGAGAATGTCGAAAAGACCTTATCCTGCCTGGACCATGTTATCAGCTATTACCACGTAG  
 CCAGCGACACGGAGAAGATCATCAGAGAGGGCCCCACAGGTAGGCTGGAAGAATACCTGGGAAGCATGGC  
 CAAAATCCAGAAGGCTGTGGAGTACTTTCCAGGACAACAGCCAGATAGCCAGAGCTCAACAAAGTGAAG  
 CTGCTGTTTGAGCGGGGAAGGAGTCCCTGGAATCGGAGTTCGCGAGTCTGATGACCAGGCACAGCAAGG  
 TCATCTCCCTGTGCTCGTCTGGACCTCATCAGTCCGGATGACGAGCTGGAGGTCCAGGAGGACGTGGT  
 CCTGGAGCACCTGCCTGAGAGCGTCTCCAGGATGTGATCCGCATCTCCCGCTGGCTGGTGAATATGGT  
 CGGAACCAAGATTTTCATGAATGTCTACTATCAGATCCGCTCTAGCCAGCTGGACCCTCCATCAAGGGTC  
 TGAAGGAGCATTTTCGAAAAGCAGTTCTTCTCTGGGGTTCCCTACTCCCCCGCATCCCCAACAGAG  
 GAAAGACACGCCTACCAAGAAGCCATCAAGCGGCCAGGGAGAGATGACATGCTGGACGTGGAGACAGAT  
 GCCTACATTCAGTGCCTTAGTGCCTTTGTCCAGGCTGGCACAGAGTGAATACCAGCTGCTGATGGGCATCA  
 TTCCCGAGCATCACAGAAGAAAACCTTCGACTCCTTGATACAGGATGCCTAGATGGGCTGATGCTTGA  
 AGGGGAGAACATAGTGTCCGCGGCCAGGAAAGCCATCATCCGCCATGACTTCTCCACCGTGTCCACGTC  
 TTCCCCATCCTGCGACACCTCAAGCAGACCAAGCCTGAGTTTGACCAGGTGCTCCAGGGCACAGCAGCCA  
 GCACGAAGAACAAGCTGCCAGGCCTCATCACCTCCATGGAGACCATTGGGGCCAAAGCTCTAGAAGACTT  
 TCGGGATAACATCAAGAATGATCCAGACAAGGAGTACAACATGCCTAAAGATGGCACCGTTTCATGAGCTC  
 ACAAGCAATGCCATCCTGTTCTACAGCAGCTTCTGGACTTCCAGGAGACAGCAGGCGCCATGCTGGCCT  
 CCCAAGAAACCAGCTCTTCGGCCACCAGCTACAACCTCCGAGTTACAGCAAGCGACTGCTGAGTACCTACAT  
 TTGCAAAGTCTGGTAACCTGCAGCTGAACCTTGCTAAGCAAGTCCAAGGTGATGAGGATCCAGCTCTG  
 AGCGCCATCTTCCTACACAACAACCTACAACCTACATCCTCAAGTCCCTGGAGAAGTCTGAGCTGATCCAGC  
 TTGTGGCTGTGACCCAGAAGACTGCTGAGCGCTCCTACCGGGAGCACATTGAGCAGCAGATCCAGACCTA  
 CCAGCGCAGCTGGCTAAAGGTGACTGACTACATCGCAGAGAAGAATCTACCTGTGTTCCAGCCTGGAGTC  
 AAGCTCCGGGACAAGGAGCGGCAATGATTAAGGAACGTTTCAAGGGATTCAATGATGGGCTCGAAGAAC  
 TGTGCAAGATTCAGAAGGCTGGGCCATCCAGACACGGAGCAGAGGGACAAGATCCGACAGGCTCAGAA  
 AAGCATCGTCAAGGAGACCTATGGGGCCTTTCTGCACAGGTATAGCAGCGTGCCTTCCACAAAAACCCG  
 GAGAAGTACATCAAGTACCGTGTGGAGCAGGTGGGCGACATGATCGACCGCTCTTCGACACCTCTGCTT  
 AA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_022691
- Insert Size:** 1962 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:** [NM\\_022691.1](#), [NP\\_073182.1](#)

**RefSeq Size:** 2328 bp

**RefSeq ORF:** 1962 bp

**Locus ID:** 64632

**UniProt ID:** [O54922](#)

**Cytogenetics:** 10q32.1

**Gene Summary:** putative component of the exocyst complex; involved with the docking of exocytotic vesicles with fusion sites on the plasma membrane [RGD, Feb 2006]