

Product datasheet for **RR201896**

Exoc7 (NM_022691) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR201896 representing NM_022691
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTCCCCCGCAGGAGGCTTCGCTCGGCGCGGAGATCGAGGACAAGCTGAAGCAGGAGGAGAGA
 CGCTGTCCTTTATTTCGAGACAGCCTGGAGAAGAGCGACCAGCTCACTAAGAACATGGTGTCTATCCTGTC
 GTCCTTTGAGAGCCGACTCATGAAGCTGGAGAATCCATCATCCCTGTGACAAGCAGACAGAGAACCTA
 CAGAGGCTGCAGGAGAATGTCGAAAAGACCTTATCCTGCCTGGACCATGTTATCAGCTATTACCACGTAG
 CCAGCGACACGGAGAAGATCATCAGAGAGGGCCCCACAGGTAGGCTGGAAGAATACCTGGGAAGCATGGC
 CAAAATCCAGAAGGCTGTGGAGTACTTTCAGGACAACAGCCCAGATAGCCCAGAGCTCAACAAAGTGAAG
 CTGCTGTTTGAGCGGGGAAGGAGTCCCTGGAATCGGAGTTCCGAGTCTGATGACCAGGCACAGCAAGG
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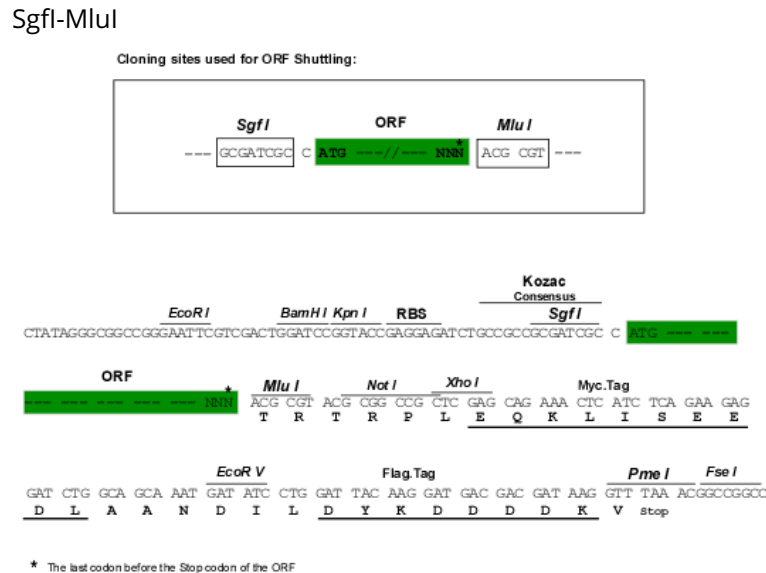
Protein Sequence: >RR201896 representing NM_022691
 Red=Cloning site Green=Tags(s)

MIPPQEASARRREIEDKLKQEEETLSFIRDSLEKSDQLTKNMVSILSSFESRLMKLENSIIPVHKQTENL
 QRLQENVEKTLSCLDHVISYYHVASDTEKIIREGPTGRLEEYLGSMKIQKAVEYFQDNSPDSPELNKVK
 LLFERGKESLESEFRSLMTRHSKVISPVLVLDLISADDELEVQEDVLEHLPESVLQDVIRISRWLVEYG
 RNQDFMNVVYQIRSSQLDRSIKGLKEHFRKSSSSSGVPYSPAIPNKRKDTPTKKPIKRPGRDDMLDVETD
 AYIHCVSFAVRLAQSEYQLLMGIIPEHHQKKTDFSLIQDALDGLMLEGENIVSAARKAIIRHDFSTVLT
 FPILRHLKQTKPEFDQVLQGTAASTKNKLPGLITSMETIGAKALEDFAADNIKNDPDKEYNMPKDGTVHEL
 TSNAIFLQQLLDFQETAGAMLASQETSSSATSYNSEFSKRLSTYICKVLGNLQNLNLSKSKVYEDPAL
 SAIFLHNNYNYILKSLEKSELIQLVAVTQKTAERSYREHIEQQIQTYQRSWLKVTDYIAEKNLPVFQPGV
 KLRDKERQMIKERFKGFNDGLEELCKIQKAWAIPDTEQRDKIRQAQKSIVKETYGAF LHRYSVPFTKNP
 EKYIKYRVEQVGMIDRLFDTSAEKYIKYRVEQVGMIDRLFD TSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Cloning Scheme:



ACCN: NM_022691

ORF Size: 1959 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 Size: 2328 bp

RefSeq ORF: 1962 bp

Locus ID: 64632

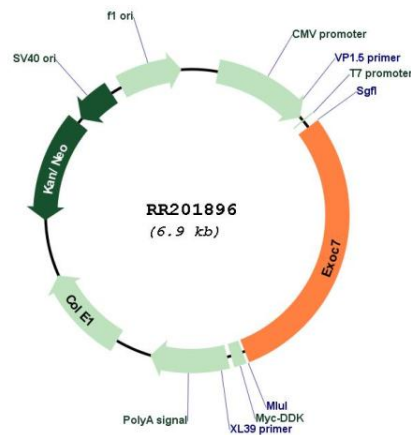
UniProt ID: [O54922](#)

Cytogenetics: 10q32.1

MW: 75 kDa

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]

Product images:



Circular map for RR201896