

## Product datasheet for **RN210073**

### Sec63 (NM\_001107637) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sec63 (NM_001107637) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec63
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210073 representing NM\_001107637  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGGCCAGCAGTTCAGTACGATGACAGCGGGAACACCTTCTTCTACTTCCTCACCTCCTTCTGTGG  
 GGCTCATCGTGATCCCCGCCACTACTACTCTGGCCGCGAGACCAGAATGCGGAGCAAATTCGATTAAA  
 GAATATCAGAAAAAGTATACGGAAGATGTATGTGGTATCGTTTACGGTTATTAACCCAGCCAAATATT  
 ATTCCTACAGTAAAGAAAATAGTTCTGCTTGCAGGATGGGCATTGTTCTTATTTCTTGCCTACAAAGTTT  
 CCAAAACAGACCGAGAATATCAAGAGTACAATCCTTATGAAGTATTAATTTGGATCCTGGAGCAACAGT  
 AGCAGAAATTAAGAAACAATATCGCTTGTGTCACTTAAATATCATCCAGATAAAGGAGGTGATGAAGTC  
 ATGTTTCATGAGGATAGCGAAAGCTTACGCAGCTTAAACAGATGAAGAGTCTCGGAAAAATGGGAAGAAT  
 TTGGAAATCCAGATGGGCTCAAGCCACAAGCTTTGGAATTGCTTTGCCAGCTTGGATAGTTGACCAGAA  
 AATTCGATTCTGGTTTTACTTGTGTATGGATTGGCTTTTATGGTTATCCTTCTGTTGTGTGGGCTCT  
 TGGTGGTATCGGTCCATACGATATAGCGGAGACCAGATTCATCCGTACAACACAGATTTATACATACT  
 TTGTTTATAAGACTCGGAATATGGATATGAAGCGTCTCATCATGGTTTTAGCTGGAGCTTCTGAATTTGA  
 TCCTCAATATAATAAAGATGCCACAAGCAGGCCAACAGATAATGTTTTAATACCTCAGCTAATCAGGGAA  
 ATTGGCAGCATAAATTTAAAGAAGAAATGAACCTCCACTTACCTGTCCATATAGCCTGAAGGCCAGAGTTC  
 TTTTACTGTCTCATCTTGTCTAGAATGAAAATCCTGAGACACTGGAAGAAGATCAACAGTTTCATGCTGAA  
 AAAGTGTCTCTGCTGCTCAGGAAATGGTGAATGTAATCTGCCAGCTGATAAATGGCCCGGAGCCGT  
 GAAGAAAGGGAGTTTCGTGCTCCAACCTTGGCATCCTTAGAAAAGTGCATGAAGCTTTCCAGATGGCTG  
 TTCAGGGGCTGCAGCAGTCAAGTCTCCCTTCTGCAGCTCCCTCACATCGAAGAAGACAATCTTAGAAG  
 AGTTTTCAAACCACAAAAAGTTCAAATTAAGATATCCAGGATTTGGTCAGTTTAAAGAAGCAGATCGT  
 CATAGTCTGCTACACTTCTTGAAGATGAAAAGTATGAAGAGGTGATGGCAGTTCTTGGGAGTTTCCCGT  
 ATGTGACCATGGACATAAAATCACAGGTGTTGGATGATGAAGACAGCAACAACATCACAGTAGGGTCCCT  
 GGTACAGTGTGGTTAACTGACGAGGCAGAGATGGCTGAAGTGTGTTGAAAAGGAGCAGTCCATCTGC  
 GCTGCTGAGGAACAGCCCGCAGAAGACGGGCAGAGTATGCCAACAAGAACAAGGCAAAGGAGGATGGC  
 AGCAGAAGAACAAGGACCCAAGAAAATGCCAAATCAAAAAAAGAAGCCTTTAAAAAACCAC  
 AACTGTGCCCTTACCTCAGGGAAGCAGCAGAAGCAAAAGCAGGCAAATGGAGTTGTTGGGAGTGAAGCT  
 GCAATGAAGGAGGAGGAGGAGGACATTTCTGACAAAGGCAGCAGCTCTGAAGAGGAGGAGACCAATAGAG  
 ACTCGCAGAGCGAGAAGGACGATGGCAGTGACAGAGACTCTGACAGAGAGCAGGATGAGAAGCAAAGCAA  
 AGACGACGAAGCAGAGTGGCAAGAGCTACAGCAAAGTATACAGAGGAAGGAGAGACTCTTTTGGAGACC  
 AAGTCAAGATAACACACCCTGTGTATAGTCTTTACTTTCCCGAGGTAGAGCTGAAGTTCCTTGCACCTG  
 GCAGGCCCTGGGAATCACCAGTACACAGTGTCTGCGGTGCGACTCCTACATGGGCTGGACCAGACTAA  
 ACCACTGAAGTTGGAAGTTCATGAGGCCAAGCCGTGCCAGAAAACCACCCACAGTGGGACACAGCAATA  
 GAAGGTGACGAAGACCAGGAAGACAGTGAAGGATTTGAAGACAGCTTTGAGGAAGAGGAGGGAAGAGG  
 AGGGTGGTGACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001107637

**Insert Size:** 2184 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001107637.1, NP_001101107.1</u>
<b>RefSeq Size:</b>	5855 bp
<b>RefSeq ORF:</b>	2184 bp
<b>Locus ID:</b>	309858
<b>Cytogenetics:</b>	20q13