

Product datasheet for **RN208845**

Sec62 (NM_001034129) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec62 (NM_001034129) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec62
Synonyms:	Ab2-292; Tloc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208845 representing NM_001034129
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTCAGCTGAACAAAGACACCAGGCTTTGGAAGTAAATATGGACAGGAAAGAAAAGGAAACCAA
 AATGTTGTCCGGAGGAAAAGGCAAGAAGAACACGAGATGCATTCTTCAATGCTATCAGGGTACAGATTCT
 TCCAGGTTCCAACATGTACCAAACACCAACACCTTAGGATTCCTACAGGTCTCCAGTACCAGACTGCAG
 TACTTAGCTACCAACCTCATGGACAGAGCAACTACGAGGGTTCTCATCTCTCCAGAGTCGCTTTCCAT
 CTTTTAAAGGAACTTCATGGGACTGAAGTGGGTGCCACGGAGCTTGTGGGGCAGGAAGCGGCATAGG
 TGACGCTTTGGTCCCGGTGGTCCAGGTCCTTTCCTCAGCAAAGGCCCTACCGGCGTCGGTGACTCCGAG
 GGGTGGGGCCCGGGATCTGATTTACACGCCAGCCAGGACAGGAACGAAGACCACAGAGCCCGGCCCT
 CGGCTGCCCCAGCCACAGCCCGGGCGGTTACATAACGGGCCGAGCCGCCCACTCTCGCGAGAC
 TTCCACCGCCCCCTCCCTGCTCGCTCCACGTCAGAAGGAACCGGGCGGAGCGCCAACATGGCGGAA
 CGCAGGCGACACAAGAAGCGGATCCAGGAAGTTGGTGAACCATCTAAAGAAGAGAAGGCTGTAGCCAAGT
 ATCTTCGATTCAACTGTCCAACAAAATCCACCAACATGATGGGTTCATCGGTTGATTATTTATTGCTTC
 AAAAGCAGTGGAGTGCCTCTTGGATTCTAAATGGGCAAAGGCCAAGAAAAGGAGAGGAAGCTTTATTTACA
 ACCAGGGAGTCTGTGGTTGACTACTGCAACAGGCTTTTAAAGAAACAGTTTTTTCATCGGGCCCTAAAAG
 TAATGAAAATGAAATATGACAAAGACATAAAAAAGAAAAAGAAAAAGGAAAAATCTGAAAGTGGGAAAGA
 AGATGATAAAAAGAGCAAGAAAGAAAGTATTAAGAAGAAAAACAAAAAGGAAAAAGAAAAAGAAA
 GATGGTAAAAAGGAAGATTCAAAAAGGAAGAACTCCAGGAACCCAAAAAGAAAGGAAACTAAGAAGA
 AATTCAAACTTGAGCCACATGATGACCAAGTCTTCTGGATGGAATGAGGTTTTTGTGTGGATCTATGA
 CCCAGTTCACATTAACATTTGTTCATGGGATTAATTCTTGTGATTGCAGTAATAGCTGCCACCCTTTC
 CCTCTCTGGCCAGCAGAAATGAGAGTAGGTGTGTATTACCTCAGTGTGGGCGCAGGCTGTTTTGTAGCCA
 GCATTCTCCTCTTGCTATTGCTCGCTGCATCCTGTTCTCATCATCTGGCTGATAACTGGGAAAGGCA
 CCATTTTGGTTCCTGCCAAACCTGACTGCTGACGTGGGCTTCATTGACTCCTTCAGGCCTCTGTACACA
 CATGAGTACAAAGGACAAAAGCAGACTTAAAGAAGGATGAGAAATCTGAAGCCAAAAGCAGCACAAGT
 CCGACAGTGAGGAAAAGTACAGCAGTGAAGAAAAGGAGGATGAAGAAGGGAAAGGAGCTCCAGGAGACCA
 CGGACCAGAAGGCTCGGGCGGAGAGCGCCACTCAGACACAGACAGTACAGGCGGGAAGATGACCGCTCC
 CAACACAGTAGTGGGAACGGGAATGATTTTGAATGATACGAAAGGAACTGGAACAGCAGACAGATG
 GGGATTGTGATGAGGAAGATGACGACAAAGATGGAGAAATGCCTAAATCTGCACAAGAAAAATCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001034129
- Insert Size:** 1818 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_001034129.1](#), [NP_001029301.1](#)

RefSeq Size: 1864 bp

RefSeq ORF: 1818 bp

Locus ID: 294912

Cytogenetics: 2q24