

Product datasheet for **SC126669**

SEC22L2 (SEC22A) (NM_012430) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEC22L2 (SEC22A) (NM_012430) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC22L2
Synonyms:	SEC22L2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126669 sequence for NM_012430 edited (data generated by NextGen Sequencing) <pre> ATGTCTATGATTTTATCTGCCTCAGTCATTCGTGTCAGAGATGGACTGCCACTTTCTGCT TCTACTGATTATGAACAAAGCACAGGAATGCAGGAGTGCAGAAAGTATTTTAAAATGCTT TCGAGGAAACTTGCTCAACTTCCTGATAGATGTACACTGAAAAGTGGACATTATAACATT AATTTTATTAGCTCTCTGGGAGTGAGCTACATGATGTTGTGCACTGAAAATTACCCAAAT GTTCTCGCCTTCTCTTCTGGATGAGCTTCAGAAGGAGTTCATTACTACTTATAACATG ATGAAGACAAATACTGCTGTCAGACCATACTGTTTCATTGAATTTGATAACTTCATTGAG AGGACCAAGCAGCGATATAATAATCCCAGGTCTCTTCAACAAAGATAAATCTTCTGAC ATGCAGACGGAATCAAGCTGAGGCCTCCTTATCAAATTTCCATGTGCGAACTGGGGTCA GCCAATGGAGTCACATCAGCATTTTCTGTTGACTGTAAAGGTGCTGGTAAGATTTCTTCT GCTCACCAGCGACTGGAACCAAGCACTCTGTCAGGGATTGTAGGATTTATCCTTAGTCTT TTATGTGGAGCTCTGAATTTAATTCGAGGCTTTCATGCTATAGAAAGTCTCCTGCAGAGT GATGGTGATGATTTTAATTACATCATTGCATTTTCTTGGAACAGCAGCCTGCCTTTAC CAGTGTTATTTACTTGTCTACTACACCGGCTGGCGGAATGTCAAATCTTTTTTGACTTTT GGCTTAATCTGTCTATGCAACATGTATCTATGAACTGCGCAACCTCTGGCAGCTTTTC TTTCATGTGACTGTGGGAGCATTTGTTACACTACAGATCTGGCTAAGGCAAGCCCAGGGC AAGGCTCCCGATTATGATGTCTGA </pre>

Clone variation with respect to NM_012430.4



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012430 unedited
 TTCGGGAATTTGTAATACGACTCACTATAGGGCGGCCGCGTAATTCGCACGAGGTCTCGA
 CGGTCTTCTCTGTTGGTTGAAATGTCTATGATTTTATCTGCCTCAGTCATTCTGTGTCAGA
 GATGGACTGCCACTTTCTGCTTCTACTGATTATGAACAAAGCACAGGAATGCAGGAGTGC
 AGAAAGTATTTTAAAAATGCTTTTCGAGGAACTTCTCACTTCTGATAGATGTACACTG
 AAAACTGGACATTATAACATTAATTTTATTAGCTCTCTGGGAGTGAGCTACATGATGTTG
 TGCATGAAAATTACCCAAATGTTCTCGCCTTCTCTTCTGATGAGCTTCAGAAGGAG
 CTACTTACTATTATAACATGATGAAGACAAATCTGCTGTCAGACCATACTGTTTCATT
 GAATTTGATAACTTCATTAGAGGACCAAGCCAGCGATATAATAATCCCAGGTCTCTTTT
 AACAAAGATAATCTTTCTGACATGCAGACGGAATCAAGCTGAGGCCTCCTTATCAAAAT
 TTCCATGTGCGAACTGGGGTCAGCCAATGGAGTCACATCACCATTTTCTGTTGACTGTAA
 AGGTGCTGGTAAGATTTCTTCTGCTCACCAGCGACTGGAACCACTCTGTCAGGGAT
 TGCAGGATTTATCCTTAGTCTTTTATGTGGAGCTCTGAAATTAATCGAGGCTTTTCATGCT
 ATAGAAAGTCTCTGCAGAGTATGGGGAAGATTTTAACTACTTCATTGCAATTTTCTCT
 GGAACAGAAGACCGCCTTTACCAGGGTCATTACTTGGTCTACTACACCGCTGCCGGAAT
 G

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_012430 unedited
 ACGTAGTGCCTTTTCTTTGTTCTATACTAATGCCTCACAAANGCAAACCTCAGGTTGTAG
 AGTTCTCTCTGCCTGGTCTCAGAGCAATACCACATCTATTTTCTGAACTCTTCAGGAAG
 GATTCAGGACTGCTGGCCAAGACTTCCAATGGCATATGACTGTTCTTCCACTGTTATGGC
 CTTGAAGAGAGAAATCCCCTCCTCTGAATGATAGTCTCATGGCCAACATTCTTGTGA
 GAGGACTCTTCCATGCTCACAGGCACATCATGCTGATTCTAAAAAAGGAAAGTTGCACAG
 AAAGTAAAGCACAGCTTCTCCTCTGTGGGAACAGCTCCTTCATCACAGTGCCACCATGA
 TATGCTCCCTCCCTTATCCCCCTGTAGCCAAGGCTATTCCATCCCGAGGCTGGTGTGCGA
 CATCATAACCGGCAGCCTTGCTCCTGGCTTGCTTTTCTTTCATTGCCCGGTTCCACATG
 CTTTCTCGCCTCCCTGCTCCAATAAATTCTCTAGCCGCCACCCATTATCCCCCGCC
 CTCTACCTCTCTTTCTTCTATTTCCCCCGACACTTTCTCTACTTCTCTGACCTTTTC
 TCCATTTTCTTCCACCTGCTCTTAGTCGCCCTCCTCTCTTCCAGGTACAATGCTCTGTTA
 CTCCCCCAAAATGTTACATTAGCCCCGTTTCNGCGACACTTCCGTTCCCGACCCCCGTTT
 TTTCCACCATCTTTTGGCCATCAGCTCTATTGTTTCCCCCCTCCCGTCTACCCATT
 TTATCTCCTATATCTTTTCTTACTCCATAAACCTCCCTCGTTCTCTTTTATATTTC
 CTCCATCTCTCACCTCCACTCTTGTATTCTCCCGTCTCCTCTCTGACTACTATCTTTA
 GCGCCCCCTCTTTTCCCCCTACTCCGTTTCTTACTACTACTAGTCTCTCACCAATACA
 N

Restriction Sites:

NotI-NotI

ACCN:

NM_012430

Insert Size:

1530 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_012430.2, NP_036562.2</u>
RefSeq Size:	1776 bp
RefSeq ORF:	924 bp
Locus ID:	26984
UniProt ID:	<u>Q96IW7</u>
Cytogenetics:	3q21.1
Domains:	synaptobrevin
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene belongs to the member of the SEC22 family of vesicle trafficking proteins. This protein has similarity to rat SEC22 and may act in the early stages of the secretory pathway. [provided by RefSeq, Nov 2008]