

## Product datasheet for **SC320150**

### SEC22C (NM\_032970) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEC22C (NM_032970) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC22C
Synonyms:	SEC22L3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_032970.2</p> <pre> GGCCGAGCCCTCCCGGTCGGCTAAGATTGCTGAGGAGCGCGGGTAGCTGGCAGGCGCC GACTTCCGAAGGCCCGCCGTCGGGCGAGGTGCCTCATGACTTCTTGTGGACCATGTC CGTGATCTTTTTGCCTGCGTGGTACGGGTAAGGGATGGACTGCCCTCTCAGCCTCTAC TGATTTTTACCACACCCAAGATTTTTGGAATGGAGGAGACGGCTCAAGAGTTTAGCCTT GCGACTGGCCAGTATCCAGGTCGAGGTTCTGCAGAAGGTTGTGACTTTAGTATACATTT TTCTTCTTTGGGGACGTGGCCTGCATGGCTATCTGCTCCTGCCAGTGTCCAGCAGCCAT GGCCTTCTGCTTCTGGAGACCCTGTGGTGGGAATTCACAGCTTCTATGACACTACCTG CATTGGCCTAGCCTCCAGGCCATACGCTTTTCTGAGTTTGACAGCATCATTAGAAAAGT GAAGTGGCATTAACTATGTAAGTTCTCTCAGATGGAGTGCAGCTTGGAAAAAATTC GGAGGAGCTCAAGTGCAGCCTCCAGCGTTCTACTCTGGAGGACACAGATGTGGCAA TGGGGTGATGAATGGTCACACACCGATGCACTTGGAGCCTGCTCCTAATTTCCGAATGGA ACCAAGTGCAGCCCTGGGTATCCTCTCCCTCATTCTCAACATCATGTGTGCTGCCCTGAA TCTCATTGAGGAGTTACCTTGCAGAACATTCTTTACAGGTTGCCCATGAGGAAATGG AAACATTCTGGCTTTTCTGTTCCTTTTCGTAGCCTGCATTTTCCAGTGTTATTTGTACCT GTTCTACAGTCCAGCCAGGACTATGAAGTGGTGTCTATGCTGCTCTTTATTTGCCTGGG CAACATGTACCTGCACGGGCTGAGGAACCTCTGGCAAATCCTTTCCACATAGGAGTGGC TTTTCTGTCTTCATATCAGATACTAACAAGGCAGCTTCCAGGAGAAGCAGTCTGACTGTGG AGTATGAGGATGACACTGTGATGAATGGATTCTTTGATTTCTTTTGGAGATCAATCTAT GTTTCTCTTTCTGCTTCTACTTTACACTCCAGTTTCCATCCTTTTCCAGCCAACCTGGAC TGAAAAACCAGGAATTGGGGATGTTAAACAGTTGCAGTGGAAAGTCATGAGGTTGCTTGAT ACCCAGCCTTGGTCTGTGCCAAGCATTACTGCAGGATCTCCAGCCAGTTCAGCAGCTTT ACCTAGGACAGCTGGATCTGGGGCTCATCCAGAAAGAGCTTTATTGGAAGAGAGAAAGG AAATATTTTGGTCTTTAAAGTTGAATGATACAGTAAACCCTTGATTCAATAACAAAAA AAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire



[View online »](#)

<b>ACCN:</b>	NM_032970
<b>OTI Disclaimer:</b>	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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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><a href="#">NM_032970.2</a></u> , <u><a href="#">NP_116752.1</a></u>
<b>RefSeq Size:</b>	1396 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	9117
<b>UniProt ID:</b>	<u><a href="#">Q9BRL7</a></u>
<b>Cytogenetics:</b>	3p22.1
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of the SEC22 family of vesicle trafficking proteins. The encoded protein is localized to the endoplasmic reticulum and may play a role in the early stages of ER-Golgi protein trafficking. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>