

Product datasheet for **SC325039**

SEC14 like protein 2 (SEC14L2) (NM_033382) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEC14 like protein 2 (SEC14L2) (NM_033382) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC14L2
Synonyms:	C22orf6; SPF; TAP; TAP1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033382, the custom clone sequence may differ by one or more nucleotides ATGAGCGGCAGAGTCGGCGATCTGAGCCCCAGGCAGAAGGAGGCATTGGCCAAGTTTCGG GAGAATGTCCAGGATGTGCTGCCGGCCTGCCGAATCCAGATGACTATTTTCTCCTGCGT TGGCTCCGAGCCAGAAGCTTCGACCTGCAGAAGTCGGAGGCCATGCTCCGGAAGCATGTG GAGTTCGAAAAGCAAAGGACATTGACAACATCATTAGCTGGCAGCCTCCAGAGGTGATC CAACAGTATCTGT CAGGGGTATGTGTGGCTATGACCTGGATGGCTGCCAGTCTGGTAC GACATAATTGGACCTCTGGATGCCAAGGGTCTGCTGTTCTCAGCCTCCAAACAGGACCTG CTGAGGACCAAGATGCGGGAGTGTGAGCTGCTTCTGCAAGAGTGTGCCACCAGACCACA AAGTTGGGGAGGAAGGTGGAGACCATCACCATAATTTATGACTGCGAGGGGCTTGGCCTC AAGCATCTCTGGAAGCCTGCTGTGGAGGCTATGGAGAGTTTCTCTGCATGTTTGAGGAA AATTATCCCGAAACACTGAAGCGTCTTTTTGTTGTTAAAGCCCCAAACTGTTTCCTGTG GCCTATAACCTCATCAAACCTTCTGAGTGAGGACACTCGTAAGAAGATCATGGTCCTG GGAGCAAATTGGAAGGAGGTTTTACTGAAACATATCAGCCTGACCAGGTGCCTGTGGAG TATGGGGGCACCATGACTGACCCTGATGGAAACCCCAAGTGCAAATCCAAGATCAACTAC GGGGGTGACATCCCAGGAAGTATTATGTGCGAGACCAGGTGAAACAGCAGTATGAACAC AGCGTGACAGATTTCCCGTGGCTCCTCCACCAAGTGGAGTATGAGATCCTTCCCTGGC TGTGTCCTCAGGTGGCAGTTTATGTCAGATGGAGCGGATGTTGGTTTTGGGATTTTCCTG AAGACCAAGATGGGAGAGAGGCAGCGGGCAGGGGAGATGACAGAGGTGCTGCCAACCCAG AGGTACAACCTCCACCTGGTCCCTGAAGATGGGACCTCACCTGCAGTATCCTGGCCTC TGTAAGTATCTCTGCCTTGGCAATGCCTTGAAGCCCCATGTCCAGCTTTCTGCCTGTGAG GTTCTCTTCCATGGATTTTGGCTCTGAGTGT
Restriction Sites:	Please inquire
ACCN:	NM_033382
Insert Size:	1845 bp



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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).
OTI Annotation:	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.
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:	<ol style="list-style-type: none">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_033382.1 , NP_203740.1
RefSeq Size:	1845 bp
RefSeq ORF:	1845 bp
Locus ID:	23541
UniProt ID:	O76054
Cytogenetics:	22q12.2
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a cytosolic protein which belongs to a family of lipid-binding proteins including Sec14p, alpha-tocopherol transfer protein, and cellular retinol-binding protein. The encoded protein stimulates squalene monooxygenase which is a downstream enzyme in the cholesterol biosynthetic pathway. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded protein (isoform 2) has a shorter and distinct C-terminus, compared to isoform 1.</p>