

Product datasheet for **SC324922**

SEC13L1 (SEC13) (NM_001136232) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEC13L1 (SEC13) (NM_001136232) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC13
Synonyms:	D3S1231E; npp-20; SEC13L1; SEC13R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324922 representing NM_001136232. Blue=Insert sequence Red=Cloning site Green=Tag(s)

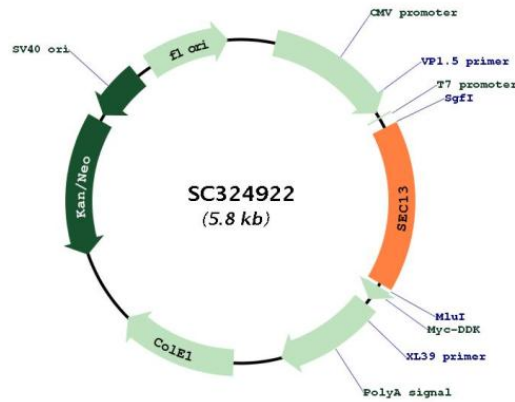
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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATTACGACGCCAGATGGACTACTATGGCACCCGCCTGGCAACCTGCTCATCAGACAGGTCCGTC
AAAATCTTTGATGTGCGCAATGGAGGGCAGATCCTTATCGCCGACCTCAGGGTTCATGAGGGTCTGTG
TGGCAAGTGGCCTGGGCTCACCCATGTACGGCAACATCCTGGCATCGTGCTCCTATGACCGAAAGTC
ATTATCTGGAGAGGAAAACGGCACCTGGGAGAAGGCCACGAGCATGCGGGACACGACTCCTCAGTG
AACTCGGTGTGCTGGGCCCCCATGACTACGGCCTGATCCTGGCCTGTGGGAGCTCGGATGGGCCATC
TCCCTGCTGACTTACACCGGGGAAGGCCAATGGGAAGTAAGAAGATCAACAACGCTCACACCATTGGC
TGCAATGCCGTACGCTGGGCCCTGCTGTTGTACCTGGAAGCCTCATAGACCACCCATCGGGGCAGAAA
CCCAATTACATCAAGAGTTTGCATCAGGTGGCTGTGACAACCTCATCAAGCTGTGGAAGGAGGAGGAG
GACGGCCAGTGAAGGAGGAGCAGAAGCTAGAAGCGCACAGTGAAGTTCGAGATGTGGCCTGGGCC
CCCTCCATCGGCCTGCCACCAGCACCATCGCCAGCTGCTCCAGGATGGTTCGTTGTTCAATTTGGACC
TGTGATGATGCCTCAAGCAATACGTGGTCCCCTAAATTGTTGACAAGTTCAACGATGTGGTGTGGCAT
GTGAGCTGGTCCATCACAGCCAACATCCTGGCTGTCTCTGGTGGAGACAATAAGGTGACCCTGTGGAAG
GAGTCAGTTGATGGGCAGTGGGTGTGCATCAGTGATGTCAACAAGGGCCAGGGCTCCGTATCAGCATCA
GTGACAGAGGGCCAGCAGAACGAGCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001136232

Insert Size: 927 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).

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:

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_001136232.2](#)

RefSeq Size: 1469 bp

RefSeq ORF: 927 bp

Locus ID: 6396
UniProt ID: [P55735](#)
Cytogenetics: 3p25.3
MW: 34 kDa

Gene Summary: The protein encoded by this gene belongs to the SEC13 family of WD-repeat proteins. It is a constituent of the endoplasmic reticulum and the nuclear pore complex. It has similarity to the yeast SEC13 protein, which is required for vesicle biogenesis from endoplasmic reticulum during the transport of proteins. Multiple alternatively spliced transcript variants have been found. [provided by RefSeq, Oct 2008]
Transcript Variant: This variant (2) differs in the 5' UTR and the 5' coding region, and initiates translation at a downstream start codon compared to variant 3. It encodes isoform 2 which has a shorter N-terminus, compared to isoform 3.