

Product datasheet for SC111014

SEC13L1 (SEC13) (NM_183352) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEC13L1 (SEC13) (NM_183352) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC13L1
Synonyms:	D3S1231E; npp-20; SEC13L1; SEC13R
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111014 sequence for NM_183352 edited (data generated by NextGen Sequencing)

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ATGGTGTGTCAGTAATTAACACTGTGGATACCTCCCATGAGGACATGATTCACGACGCCAG
ATGGACTACTATGGCACCCGCTGGCAACCTGCTCATCAGACAGGTCCGTCAAAACTTTT
GATGTGCGCAATGGAGGGCAGATCCTTATCGCCGACCTCAGGGGTGATGAGGGTCTGTG
TGGCAAGTGGCCTGGGCTCACCCATGTACGGCAACATCTGGCATCGTGCTCCTATGAC
CGGAAAGTCATTATCTGGAGAGAGGAAAACGGCACCTGGGAGAAGAGCCACGAGCATGCG
GGACACGACTCCTCAGTGAACCTCGGTGTGCTGGGCCCCCATGACTACGGCCTGATCCTG
GCCTGTGGGAGCTCGGATGGGGCCATCTCCCTGCTGACTTACACCGGGGAAGGCCAATGG
GAAGTAAAGAAGATCAACAACGCTCACACCATTGGCTGCAATGCCGTGAGCTGGGCCCT
GCTGTTGTACCTGGAAGCCTCATAGACCACCCATCGGGGCAGAAACCAATTACATCAAG
AGGTTTGCATCAGGTGGCTGTGACAACCTCATCAAGCTGTGGAAGGAGGAGGAGGACGGC
CAGTGGAAAGGAGGAGCAGAAGCTAGAAGCGCACAGTGACTGGGTTTCGAGATGTGGCCTGG
GCCCCCTCCATCGGCCTGCCACCAGCACCATCGCCAGCTGCTCCCAGGATGGTCGTGTG
TTCATTTGGACCTGTGATGATGCCTCAAGCAATACGTGGTCCCCTAAATTGTTGCACAAG
TTCAACGATGTGGTGTGGCATGTGAGCTGGTCCATCACAGCCAACATCCTGGCTGTCTCT
GGTGGAGACAATAAGGTGACCCTGTGGAAGGAGTCAGTTGATGGGCAGTGGGTGTGCATC
AGTGATGTCAACAAGGGCCAGGGCTCCGTATCAGCATCAGTGACAGAGGGCCAGCAGAAC
GAGCAGTGA

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Clone variation with respect to NM_183352.1



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_183352 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCCGNCGGGAGCTGC CACGTCCGAGACCTGGAGCAGCCACCGCCGAATCATGGTGTCTAGTAATTAACACTGTGG ATACCTCCCATGAGGACATGATTCACGACGCCAGATGGACTACTATGGCACCCGCTGG CAACCTGCTCATCAGACAGGTCCGTCAAATCTTTGATGTGCGCAATGGAGGGCAGATCC TTATCGCCGACCTCAGGGGTCTAGAGGGTCTGTGTGGCAAGTGGCTGGGCTCACCCCA TGTACGGCAACATCCTGGCATCGTGTCTATGACCGGAAAGTATTATCTGGAGAGAGG AAAACGGCACCTGGGAGAAGAGCCACGAGCATGCGGGACACGACTCCTCAGTGAACCTCGG TGTGCTGGGCCCCCATGACTACGGCCTGATCCTGGCCTGTGGGAGCTCGGATGGGGCCA TCTCCCTGCTGACTTACACCGGGGAAGGCAATGGGAAGTAAAGAAGATCAACAACGCTC ACACCATTGGCTGCAATGCCGTGAGCTGGGCCCTGCTGTTGTACCTGGAAGCCTCATAG ACCACCCATCGGGGCAGAAACCAATTACATCAAGAGGTTTGCATCAGGTGGCTGTGACA ACCTCATCAAGCTGTGGAAGGAGGAGGANGACGGCCAGTGAAGGAGGAGCAGAAGCTAG AAGCGCACAGTGACTGGNGTCGAGATGTGGCTGGNGCCCTNCATCGGNTGCCACCA GCACCATCGNCAGCTGCTCCAGGATGGTGTGTTTCAATTTGACCTGTGATGATGCCTAA GCATACGTGGTCCCTAAANTGTGACAAGTCAACGATGTGTGTTGCATGTGAGCTC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_183352 unedited GCCGCATTCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTATAAGCAATATGACTT TATTTAGTTCTTTGAAACAAAACCCCCAAAATGCCTGAACCCAAAGGTACATAAAA ATGACCCAAAATAGATTTGAACATCACTTGTAGTTTCTCCTCGTAACATGAGTGCTTTC AGCTGGACAGTAGATTACAAAGCATCTCCGATCACGTTAAGGCAGATGATCAATCTGTGG CTGCATCTGTAACCTCCTCTGGGAAAATAATCCTGTTGGAGTTGGGGCTCTCCAGTT GTTTGGTTAGTTGGCCCAGGAAGGGCAGTCTGGAGCTGGCGGTGGGAGCCAGGCC CACCTGTCTTGTCACTGCTCGTTCTGCTGGCCCTCTGCTCACTGATGCTGATACGGAGCCC TGGCCCTTGTGACATCACTGATGCACACCCACTGCCATCAACTGACTCCTTCCACAGG GTCACCTTATTGTCTCCACCAGAGACAGCCAGGATGTTGGCTGTGATGGACCANCTACA TGCCACACCACATCGTTGAACCTGTGCAACAATTTAGGGGACCACGTATTGCTTGAGGCA TCATCACAGGTCCAAATGAACACACGACCATCCTGGGAGCANCTGGCGATGGTGTGGT GGCAGGCCGATGGAGGGGGCCAGGCCACATCTCGAACCCAGTCACTGTGCGCTTCTAGC TTCTGCTCCTCTTACACTGGCCGGGCTCCTCCTTCTCCACAGTTTGTGAAGTTGTG ACAGCCCCTGATGCCAACCTTTGAAGTAATCGGTCTCTGCCCGATGGCTGGTCTATGAG CCTTCAAGTACACAGCAAGGGCCCACTGACGATTGCACCAATGTGTAGCGTTGTGATC TTTTACTTCCATTGGCTTTCCCGGGTAGTCACAAGGAGAGGCCCATCCACTCCCAGG CAGTATAGGCGTATTCTGTGGGCCCCCCAG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_183352
Insert Size:	1410 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_183352.1](#), [NP_899195.1](#)

RefSeq Size: 1428 bp

RefSeq ORF: 969 bp

Locus ID: 6396

UniProt ID: [P55735](#)

Cytogenetics: 3p25.3

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 (1) differs in the 5' UTR and lacks an exon in the 5' coding region, compared to variant 3. It encodes isoform 1 which has a shorter and distinct N-terminus, compared to isoform 3.