

## Product datasheet for **RG237769**

### SEC13L1 (SEC13) (NM\_001136026) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEC13L1 (SEC13) (NM_001136026) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SEC13L1
Synonyms:	D3S1231E; npp-20; SEC13L1; SEC13R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237769 representing NM_001136026. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGAGAACCTGTGCTTACTTGGTGTGTACCTTTGAACTGCTTTGCAGCCATCCTCTTCCACTGTCT
GCCTTTCTGAAATCACAAGTCAAACCTTTATACCTACAGGGCTTGTGCTGGAAAAGATGAAATGGGGAAA
ATGGTGCAGTAATTAACACTGTGGATACCTCCCATGAGGACATGATTACGACGCCAGATGGACTAC
TATGGCACCCGCCTGGCAACCTGCTCATCAGACAGGTCGGTCAAATCTTTGATGTGCGCAATGGAGGG
CAGATCCTTATCGCCGACCTCAGGGTCATGAGGGTCTGTGTGGCAAGTGGCCTGGGCTACCCCATG
TACGGCAACATCCTGGCATCGTGCTCCTATGACCGGAAAGTCATTATCTGGAGAGAGGAAAACGGCACC
TGGGAGAAGAGCCACGAGCATGCCGGACACGACTCCTCAGTGAATCGGTGTGCTGGGCCCCCATGAC
TACGGCCTGATCCTGGCCTGTGGGAGCTCGGATGGGGCCATCTCCCTGCTGACTTACACCGGGGAAGGC
CAATGGGAAGTAAAGAAGATCAACAACGCTCACACCATTTGGTGAATGCCGTGACGTGGGCCCTGCT
GTTGTACTGGAAAGCCTCATAGACCACCCATCGGGGCAGAAACCAATTACATCAAGAGGTTTGCATCA
GGTGGCTGTGACAACCTCATCAAGCTGTGGAAGGAGGAGGAGGACGGCCAGTGAAGGAGGAGCAGAAG
CTAGAAGCGCACAGTGACTGGGTTTCGAGATGTGGCCTGGGCCCTCCATCGGCCTGCCACCAGCACC
ATCGCCAGCTGCTCCAGGATGGTCTGTGTTTCAATTTGGACCTGTGATGATGCCTCAAGCAATACGTGG
TCCCCTAAATTGTTGCACAAGTTCAACGATGTGGTGTGGCATGTGAGCTGGTCCATCACAGCCAACATC
CTGGCTGTCTCTGGTGGAGACAATAAGGTGACCTGTGGAAGGAGTCAAGTTGATGGGCAAGTGGGTGTGC
ATCAGTGTGTAACAAGGGCCAGGGCTCCGTATCAGCATCAGTGACAGAGGGCCAGCAGAACGAGCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237769  
 Blue=ORF Red=Cloning site Green=Tag(s)

MREPVL TWCVPLELLCSHPLPLSAFLKSQVKLYTYRACAGKDEMGMVSVINTVDTSHEDMIHDAQMDY  
 YGTRLATCSSDRSVKIFDVRNGGQIL IADLRGHEGPVWQVAWAHPMYGNILASCSYDRKVI IWREENG  
 WEKSHEHAGHDSSVNSVCWAPHDYGLILACGSSDGAISLLTYTGEGQWEVKKINNAHTIGCNAVSWAPA  
 VVPGSLIDHPSGQKPNYIKRFASGGCDNLIKLWKEEEDGQWKEEQKLEAHSWVRDVAWAPSIGLPTST  
 IASCSQDGRVF IWTCDASSNTWSPKLLHKFNDDVYVHVSWITANILAVSGGDNKVTLWKESVDGQWVC  
 ISDVNKGQGSVSASVTEGQQNEQ  
**TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV**  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001136026

**ORF Size:** 1104 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

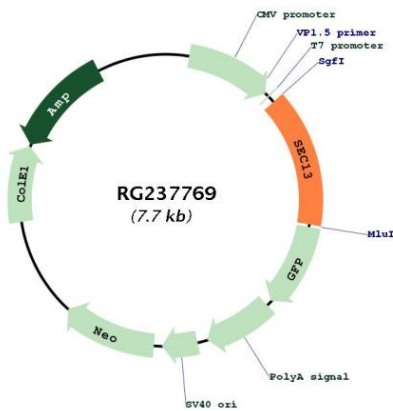
**RefSeq:** [NM\\_001136026.3](#)

**RefSeq Size:** 1615 bp

RefSeq ORF: 1107 bp  
 Locus ID: 6396  
 UniProt ID: [P55735](#)  
 Cytogenetics: 3p25.3  
 MW: 41.2 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]

**Product images:**



Circular map for RG237769