

Product datasheet for **RG236472**

SEC13L1 (SEC13) (NM_001278946) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SEC13L1 (SEC13) (NM_001278946) 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: >RG236472 representing NM_001278946.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGTGAGTAATTAACACTGTGGATACCTCCCATGAGGACATGATTCACGACGCCAGATGGACTAC
TATGGCACCCGCCTGGCAACCTGCTCATCAGACAGGTCCGTCAAATCTTTGATGTGCGCAATGGAGGG
CAGATCCTTATCGCCGACCTCAGGGTCTGAGGGTCTGTGTGGCAAGTGGCCTGGGCTCACCCCATG
TACGGCAACATCCTGGCATCGTGTCTCTATGACCGAAAGTCATTATCTGGAGAGAGGAAAACGGCACC
TGGGAGAAGAGCCACGAGCATGCGGGACACGACTCCTCAGTGAACCTGGTGTGCTGGCCCCCATGAC
TACGGCCTGATCCTGGCCTGTGGGAGCTCGGATGGGGCCATCTCCCTGCTGACTTACACCGGGAAGGC
CAATGGGAAGTAAAGAAGATCAACAACGCTCACACCGTGAGTCCATCCCCTGCCTTTCGTGACGTGAGA
GCGCCTGCCTTGGCCGTGTCTGCTGCAGCCTCCCTAGAGGGTGGCACGGGAGGGTCCCCGCTGGACAG
TGGGCCGGGGAGTGGTCAGCTGACCAGACA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236472
Blue=ORF Red=Cloning site Green=Tag(s)

```
MVSVINTVDTSHEDMIHDAQMDYYGTRLATCSSDRSVKIFDVRNGGQILIALDRGHEGPVWQVAWAHPM
YGNILASCSYDRKVIWRENGTWEKSHEHAGHDSSVNCVWAPHDYGLILACGSSDGAISLLTYTGE
QWEVKKINNAHTVSPSPAFRAVRAPALPRVCCSLPRGWHGRVPAGQWAGEWSADQT
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

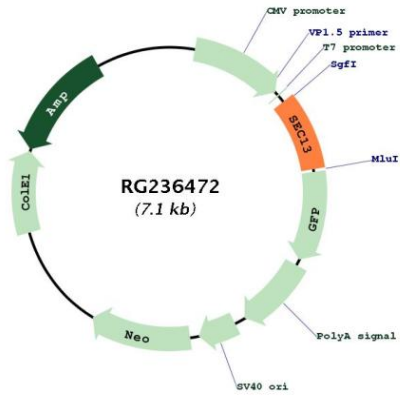
Restriction Sites: SgfI-MluI



Cloning Scheme:


- ACCN:** NM_001278946
- ORF Size:** 582 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_001278946.1](#), [NP_001265875.1](#)
- RefSeq Size:** 985 bp
- RefSeq ORF:** 585 bp
- Locus ID:** 6396
- Cytogenetics:** 3p25.3
- MW:** 21.9 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 RG236472