

Product datasheet for RC237769

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: Myc-DDK
Symbol: SEC13
Synonyms: D3S1231E; npp-20; SEC13L1; SEC13R
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237769 representing NM_001136026
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGAGAACCTGTGCTTACTTGGTGTGTACCTCTTGAAGTCTTGCAGCCATCCTCTTCCACTGTCTG
 CCTTTCTGAAATCACAAGTCAAACCTTTATACCTACAGGGCTTGTGCTGGAAAAGATGAAATGGGGAAAAT
 GGTGTCAGTAATTAACACTGTGGATACCTCCCATGAGGACATGATTCACGACGCCAGATGGACTACTAT
 GGCACCCGCTGGCAACCTGCTCATCAGACAGGTCCGTCAAATCTTTGATGTGCCAATGGAGGGCAGA
 TCCTTATCGCCGACCTCAGGGGTGATGAGGGTCTGTGTGGCAAGTGGCCTGGGCTCACCCCATGTACGG
 CAACATCCTGGCATCGTGCTCCTATGACCGGAAAGTCAATTATCTGGAGAGAGGAAAACGGCACCTGGGAG
 AAGAGCCACGAGCATGCGGGACACGACTCCTCAGTGAAGTCCGGTGTGCTGGGCCCCCATGACTACGGCC
 TGATCCTGGCCTGTGGGAGCTCGGATGGGGCCATCTCCCTGTGACTTACACCGGGGAAGGCCAATGGGA
 AGTAAAGAAGATCAACAACGCTCACACCATGGCTGCAATGCCGTCAGCTGGGCCCTGCTGTTGTACCT
 GGAAGCCTCATAGACCACCCATCGGGGCAGAAACCAATTACATCAAGAGGTTTGCATCAGTGGCTGTG
 ACAACCTCATCAAGCTGTGGAAGGAGGAGGAGGACGGCCAGTGAAGGAGGAGCAGAAGCTAGAAGCGCA
 CAGTGACTGGGTTTCGAGATGTGGCCTGGGCCCCCTCCATCGGCCTGCCACCAGCACCATCGCCAGCTGC
 TCCAGGATGGTGTGTTTCATTTGGACCTGTGATGATGCCTCAAGCAATACGTGGTCCCTAAATTGT
 TGCACAAGTTCAACGATGTGGTGTGGCATGTGAGCTGGTCCATCACAGCCAACATCCTGGCTGTCTCTGG
 TGGAGACAATAAGGTGACCCTGTGGAAGGAGTCAGTTGATGGGCAGTGGGTGTGCATCAGTGATGTCAAC
 AAGGGCCAGGGTCCGTATCAGCATCAGTGACAGAGGGCCAGCAGAACGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237769 representing NM_001136026
Red=Cloning site Green=Tags(s)

MREPVL TWCVPLELLCSHPLPLSAFLKSQVKLYTYRACAGKDEMGMVSVINTVDTSHEDMIHDAQMDYY
 GTRLATCSSDRSVKIFDVRNGGQIL IADLRGHEGPVWQVAWAHPMYGNILASCSYDRKVI IWRENGTWE
 KSHEHAGHDSSVNSVCWAPHDYGLILACGSSDGAISLLTYTGEGQWEVKKINNAHTIGCNAVSWAPAVVP
 GSLIDHPSGQKPNYIKRFASGGCDNLIKLWKEEEDGQWKEEQKLEAHSWVRDVAWAPSIGLPTSTIASC
 SQDGRVFIWTCDDASSNTWSPKLLHKFNDVYVHVSVSITANILAVSGGDNKVT LWKESVDGQWVCISDVN
 KGQGSVSASVTEGQQNEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

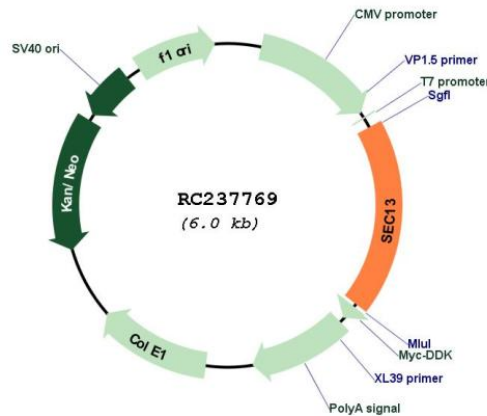
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



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).
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_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]