

Product datasheet for **RC233696**

SEL1L (NM_001244984) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SEL1L (NM_001244984) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SEL1L
Synonyms: Hrd3; PRO1063; SEL1-LIKE; SEL1L1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233696 representing NM_001244984
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGGTCCGGATAGGGCTGACGCTGCTGTGTGCGGTGCTGCTGAGCTTGGCCTCGGCGTCTCGG
ATGAAGAAGGCAGCCAGGATGAATCCTTAGATTCCAAGACTACTTTGACATCAGATGAGTCAGTAAAGGA
CCATACTACTGCAGGCAGAGTAGTTGCTGGTCAAATATTTCTTGATTGAGAAGATCTGAATTAGAATCC
TCTATTCAAGAAGAGGAAGACAGCCTCAAGAGCCAAGAGGGGAAAGTGTACAGAAGATATCAGCTTTC
TAGAGTCTCCAAATCCAGAAAACAAGACTATGAAGAGCCAAGAAAGTACGGAACCAGCTTTGACCGC
CATTGAAGGCACAGCACATGGGGAGCCCTGCCACTTCCCTTTTCTTTTCTAGATAAGGAGTATGATGAA
TGTACATCAGATGGGAGGGAAGATGGCAGACTGTGGTGTGCTACAACCTATGACTACAAAGCAGATGAAA
AGTGGGGCTTTTGTGAACTGAAGAAGAGGCTGCTAAGAGACGGCAGATGCAGGAAGCAGAAATGATGTA
TCAAATGGAAATGAAAATCCTTAATGGAAGCAATAAGAAAAGCCAAAAAGAGAAGCATATCGGTATCTC
CAAAGGCAGCAAGCATGAACCATCAAAAGCCCTGGAGAGAGTGTATGCTCTTTTATTTGGTGATT
ACTTGCCACAGAATATCCAGGCAGCGAGAGAGATGTTTGAAGCTGACTGAGGAAGGCTCTCCCAAGGG
ACAGACTGCTCTTGGCTTTCTGTATGCCTCTGGACTTGGTGTAAATCAAGTCAGGCAAAGGCTCTTGT
TATTATACATTTGGAGCTCTTGGGGCAATCTAATAGCCACATGTTTTGGTAAGTAGACTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC233696 representing NM_001244984
Red=Cloning site Green=Tags(s)

MRVRIGLTLLLCVLLSLASASSDEEGSQDESLSKTTLTSDSVKDHTTAGRVVAGQIFLDSESELES
 SIQEEEDSLKSQEGESVTEDISFLESPNPNKDYEEPKKVRKPALTAIEGTAHGEPCHFPFLFDKEYDE
 CTSDGREDGRLWCATTYDYKADEKWFCEEEEEAAKRRQMQEAMMYQTGMKILNGSNKKSQKREAYRYL
 QKAASMNHTKALERVSYALLFGDYLPQNIQAAREMFELKTEEGSPKGQTALGFLYASGLGVNSSQAKALV
 YYTFGALGGNLI AHMVLVSRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001244984

ORF Size: 903 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:

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_001244984.1](#), [NP_001231913.1](#)

RefSeq Size: 1675 bp

RefSeq ORF: 906 bp

Locus ID: 6400

UniProt ID: [Q9UBV2](#)

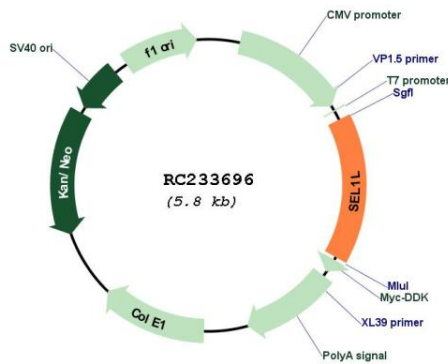
Cytogenetics: 14q31.1

Protein Families: Druggable Genome, Transmembrane

MW: 34 kDa

Gene Summary: The protein encoded by this gene is part of a protein complex required for the retrotranslocation or dislocation of misfolded proteins from the endoplasmic reticulum lumen to the cytosol, where they are degraded by the proteasome in a ubiquitin-dependent manner. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Product images:



Circular map for RC233696