

## Product datasheet for **RC232986**

### **SEL1L2 (NM\_001271539) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SEL1L2 (NM_001271539) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SEL1L2
Synonyms:	C20orf50; sel-1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC232986 representing NM\_001271539  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGCCCTGTCTCTGTTAATAGAGATATTGATAATCTTGGGGTCACAATTAACACTATCAAGCAG  
 AGGAACATAATAAAGACAAAAGGAAAGAAATGTCACCACACAGGTATCAGTGAACGAAATCAAACAATA  
 TTTATCACACATATTGGAACAAAGAACATCTAGTAATGTAATCAATAAAGAGAAAATCTCCTGGAGAAA  
 AAGAAGAATCAACGTAATAAAGATAAAGGAATTCAAAATAAAGATATCTTGAAGAGAAAATAAGAATC  
 ATTTACAAAAGCAAGCAGAGAAAAATTTACAGATGAAGGAGACCAGCTATTTAAGATGGGCATCAAGGT  
 TCTCCAGCAGTCTAAAAGCCAAAAACAAAAGAAGAAGCCTACCTACTTTTTGCCAAAGCAGCTGACATG  
 GGAACCTGAAAGCTATGGAGAAAATGGCTGACGCTTTGCTATTTGGAATTTTGGCGTGCAAAAATAAA  
 CAGCAGCTATCCAATTATAGATCCTTGGCTAAAGAAGGATCATGTAAGCCCAAAACGCATTAGGATT  
 TTTGCTTCTTATGGAATAGGAATGGAATATGATCAAGCTAAGGCACTGATATATTACACCTTTGGAAGT  
 GCTGGAGGAAACATGATGTCAGATGATTTTGGGGTACAGATATTTGTCGGGAATCAATGTTCTACAGA  
 ATTGTAAGTTGCCCTAAGTTATTACAAGAAAGTGGCAGATTATATTGCTGACACATTTGAAAAAGTGA  
 AGGTGTTCCAGTGGAAAAAGTGAGACTAACGGAAGACCTGAAAACTGAGTTCTAACAGTGAGATTTTG  
 GATTGGGACATATAACCAACTATAAATTTTTGGCAGAAAAGAGGAGATGTTTACAGATAAGTCTCTCTTG  
 GACAATTACATCTAATTGGCAGGAAAGGTCTAGATCAGGATTACTACAAAGCATTACACTACTTCTTAA  
 GGCAGCAAAGGCCGGGAGTGCAATGCCATGGCATTATAGGAAAGATGTATTTAGAGGGGAATGCTGCC  
 GTGCCGCAAAAATAACGCTACTGCCTTCAAGTACTTTCCATGGCAGCCAGTAAGGGCAATGCAATCGGCC  
 TTCATGGGCTTGGTCTTCTTACTTTTCAAGTACTTTTCCATGGCAGCCAGTAAGGGCAATGCAATCGGCC  
 CTTTCAGAAAGCTGCGGAAAAAGGGTGGCCCGACGCACAGTTCAGTTAGGCTTCACTACTACTCTGGC  
 TCTGGAATATGGAAGATTATAAACTTGCCTTCAAATATTTTTACCTGGCATCTCAGAGTGGGCAGCCCC  
 TTGCCATTTATTCTGGCCAAGATGTATGCAACAGGAACAGGAGTAGTAAGATCATGCAGAACTGCTGT  
 GGAGAAAAGGCTAACATTCTTGA AAAAGAGAAGATGTATCCAATGGCGCTTCTCTATGGAATCGAGCTG  
 CCATTCAAGGACATTCACTTGGCCAGAAGATTGTACGACATGGCTGCTCAAACGAGTCCAGATGCCACA  
 TACCTGTGCTCTTGGCGTCATGAACTGGAACTACGCATTTGCTCCGGGATATCTGTTTTTTAATTT  
 CACAACGAGATGGAAGTGGCTGAACTGGACAACACCATTGGACCACACTGGGACTATTTGTGATTGGC  
 CTCATTGTTCTGGGCTGATTTTGTGCTTAGAAATCACCATGGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC232986 representing NM\_001271539  
 Red=Cloning site Green=Tags(s)

MKPLSLLIEIL IILGVTIKTIKAEHNKRQKERNVTTQVSVNEIKQYLSHILEQRTSSNVINKRENLLEK  
 KKNQRKIRIKGIQNKDILKRNKNHLQKQAEKNFTDEGDQLFKMGIKVLQQSKSQKQKEEAYLLFAKAADM  
 GNLKAMEKMADALLFGNFGVQNI TAAIQLYESLAKEGSCQAQNALGFLSSYGIGMEYDQAKALIYYTFGS  
 AGGNMMSQMI LGYRYLSGINVLQNCEVALSYKKVADYIADTFEKSEGVPEKVR LTERPENLSSNSEIL  
 DWDIYQYYKFLAERGDVQIQVSLGQLHLIGRKGLDQDYKALHYFLKAAKAGSANAMAFIGKMYLEGNA  
 VPQNNATAFKYF SMAASKGNAIGLHGLGLLYFHGKGVPLNYAEALKYFQKAAEKGWPAQFQLGFMYYS  
 SGIWKDYKLAFKYFYLASQSGQPLAIYYLAKMYATGTGVVRSRTAVEKRLTFLKKRRCIQWRF SYGIEL  
 PFKDIHLARRLYDMAAQTSPDAHIPVLFVAVMKLETTLLRDILFFNFTTRWNWKLKLDNTIGPHWDLFVIG  
 L IVPGLILLLRNHHG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001271539

**ORF Size:** 1725 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001271539.2](#)

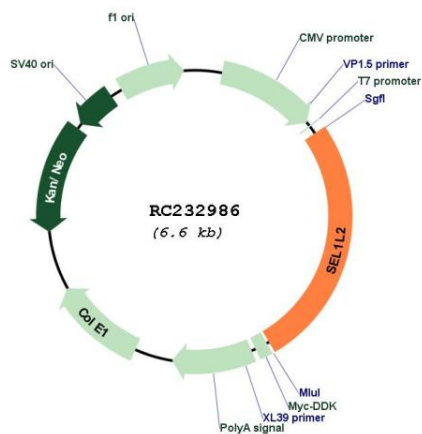
**RefSeq Size:** 1900 bp

**RefSeq ORF:** 1728 bp

**Locus ID:** 80343

UniProt ID: Q5TEA6  
 Cytogenetics: 20p12.1  
 MW: 65.9 kDa

**Product images:**



Circular map for RC232986