

Product datasheet for **RG232986**

SEL1L2 (NM_001271539) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEL1L2 (NM_001271539) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SEL1L2
Synonyms:	C20orf50; sel-1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG232986 representing NM_001271539
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCCCTTGCTCTGTTAATAGAGATATTGATAATCTTGGGGTCACAATTAAGCTATCAAAGCAG
 AGGAACATAATAAAGACAAAAGGAAAGAAATGTCAACACACAGGTATCAGTGAACGAAATCAAACAATA
 TTTATCACACATATTGGAACAAAGAACATCTAGTAATGTAATCAATAAAGAGAAATCTCCTGGAGAAA
 AAGAAGATCAACGTAATAAAGAAATTAAGAAATTAAGATATCTTGAAGAGAAATAGAATC
 ATTTACAAAGCAAGCAGAGAAAAATTTACAGATGAAGGAGACCAGCTATTTAAGATGGGCATCAAGGT
 TCTCCAGCAGTCTAAAAGCCAAAAACAAAAGAAGAGCCTACCTACTTTTGCACAGCAGCTGACATG
 GGAAACTTGAAAGCTATGGAGAAAATGGCTGACGCTTTGCTATTTGAAATTTTGGCGTGCAAAATATAA
 CAGCAGCTATCCAATTATATGAGTCCTTGGCTAAAGAAGGATCATGTAAGCCCAAAACGCATTAGGATT
 TTTGTCTTCTTATGGAATAGGAATGGAATATGATCAAGCTAAGGCACTGATATATTACACCTTTGGAAGT
 GCTGGAGGAAACATGATGTCCAGATGATTTTGGGGTACAGATATTTGTCGGGAATCAATGTTCTACAGA
 ATTGTGAAGTTGCCCTAAGTTATTACAAGAAAGTGGCAGATTATATTGCTGACACATTTGAAAAAGTGA
 AGGTGTTCCAGTGGAAGAAAGTGAGACTAACGGAAGACCTGAAAACTGAGTTCTAACAGTGAGATTTTG
 GATTGGGACATATACCAATACTATAAATTTTGGCAGAAAGAGGAGATGTTTACAGATACAAGTCTCTCTTG
 GACAATTACATCTAATTGGCAGGAAAGGTCTAGATCAGGATTACTACAAAGCATTACACTACTTCTTAA
 GGCAGCAAAGGCCGGGAGTGCAATGCCATGGCATTATAGGAAAGATGTATTAGAGGGGAATGCTGCC
 GTGCCGCAAAATAACGCTACTGCCTTCAAGTACTTTCCATGGCAGCCAGTAAGGGCAATGCAATCGGCC
 TTCATGGGCTTGGTCTTCTTACTTTTCAAGAAAGGAGTTCCCTGAATTATGCCGAAGCACTTAATA
 CTTTCAGAAAGCTGCGGAAAAAGGGTGGCCGACGCACAGTTCCAGTTAGGCTTTCATGTACTACTCTGGC
 TCTGGAATATGGAAGGATTATAAACTTGCTTCAAAATATTTTACCTGGCATCTCAGAGTGGGCAGCCCC
 TTGCCATTTATTATCTGGCCAAGATGTATGCAACAGGAACAGGAGTAGTAAGATCATGCAGAACTGCTGT
 GGAGAAAAGGCTAACATCTTGAAAAAGAGAAGATGTATCCAATGGCGCTTCTCTATGGAATCGAGCTG
 CCATTCAAGGACATTCACTTGGCCAGAAGATTGTACGACATGGCTGCTCAAACGAGTCCAGATGCCACA
 TACCTGTGCTCTTGGCGTCATGAACTGGAACTACGATTTGCTCCGGGATATCTGTTTTTAAATTT
 CACAACGAGATGGAAGTGGCTGAACTGGACAACACCATTGGACCACACTGGGACTATTTGTGATTGGC
 CTCATTGTTCTGGGCTGATTTTGTGCTTAGAAATCACCATGGG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG232986 representing NM_001271539
 Red=Cloning site Green=Tags(s)

MKPLSLLEIILGVITIKTIKAEHNKRQKERNVTTQVSVNEIKQYLSHILEQRTSSNVINKRENLLEK
 KKNQRKIRIKGIQNKDILKRNKNHLQKQAEKNFTDEGDQLFKMGIKVLQQSKSQKQKEEAYLLFAKAADM
 GNLKAMEKMADALLFGNFGVQNIATAIQLYESLAKEGSCKAQNALGFLSSYGIGMEYDQAKALIYYTFGS
 AGGNMMSQMIILGYRYLSGINVLQNCESVSYKKVADYIADTFEKSEGVPEKVRTERPENLSSNSEIL
 DWDIYQYYKFLAERGDVQIQVSLGQLHLIGRKGLDQDYKALHYFLKAAKAGSANAMAFIGKMYLEGNA
 VPQNNATAFKYFSMAASKGNAIGLHGLLLYFHGKGVPLNYAEALKYFQKAAEGWPDAQFQLGFMYYS
 SGIWKDYKLAFKYFYLASQSGQLAIYYLAKMYATGTGVVRSRTAVEKRLTFLKKRRCIQWRFSYGIEL
 PFKDIHLARRLYDMAAQTSPDAHIPVLFVAVMKLETTLLRDILFFNFTTRWNWLKLDNTIGPHWDLFVIG
 LIYPGLILLRLNHHG

TRTRPLE – GFP Tag – V

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.

RefSeq: [NM_001271539.2](#)

RefSeq Size: 1900 bp

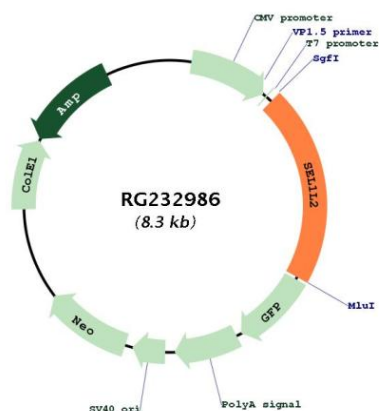
RefSeq ORF: 1728 bp

Locus ID: 80343

UniProt ID: [Q5TEA6](#)

Cytogenetics: 20p12.1

Product images:



Circular map for RG232986