

Product datasheet for **RG221073**

SELIL2 (NM_025229) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	SELIL2
Synonyms:	C20orf50; sel-IL2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG221073 representing NM_025229
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGCCCTTGCTCTGTAAATAGAGATATTGATAATCTTGGGGTCACAATAAAACTATCAAAGCAG
 AGGAACATAATAAAGACAAAAGGAAAGAAATGTCACCACACAGGTATCAGTGAAACGAAATCAAACAATA
 TTTATCACACATATTGGAACAAAGAACATCTAGTAATGTAATCAATAAAGAGAAAACTCTCTGGAGAAA
 AAGAAGAATCAACGTAAAAAAGAATAAAGGAATTCAAAAATAAGATATCTTGAAGAGAAATAAGAATC
 ATTTACAAAAGCAAGCAGAGAAAAATTTACAGATGAAGGAGACCAGCTATTTAAGATGGGCATCAAGGT
 TCTCCAGCAGTCTAAAAGCCAAAAACAAAAGAAGAAGCCTACCTACTTTTGGCCAAAGCAGCTGACATG
 GGAAACTTGAAAGCTATGGAGAAAATGGCTGACGCTTGTCTATTTGAAAATTTTGGCGTGCAAAATATAA
 CAGCAGCTATCCAATTATAGAGTCTTGGCTAAAGAAGGATCATGTAAGCCCAACGCATTAGGATT
 TTTGTCTTCTTATGGAATAGGAATGGAATATGATCAAGCTAAGGCACTGATATATTACACCTTTGGAAGT
 GCTGGAGGAAACATGATGTCCAGATGATTTTGGGGTACAGATATTTGTGGGAATCAATGTTCTACAGA
 ATTGTGAAGTTGCCTAAGTTATTACAAGAAAGTGGCAGATTATATTGCTGACACATTTGAAAAAGTGA
 AGGTGTTCCAGTGGAAAAAGTGAGACTAACGGAAGACCTGAAAATCTGAGTTCTAACAGTGAGATTTTG
 GATTGGGACATATACCAATACTATAAATTTTGGCAGAAAGAGGAGATGTTGAGATACAAGTCTCTCTTG
 GACAATTACATCTAATTGGCAGGAAAGGTCTAGATCAGGATTACTACAAAGCATTACACTACTTCTTAAA
 GGCAGCAAAGGCCGGGAGTGCAATGCCATGGCATTATAGGAAAGATGTATTTAGAGGGGAATGCTGCC
 GTGCCGCAAAATAACGCTACTGCCTCAAGTACTTTTCCATGGCAGCCAGTAAGGGCAATGCAATCGGCC
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 CTTTCAGAAAGCTGCGGAAAAAGGGTGGCCCGACGCACAGTCCAGTTAGGCTTCATGTACTACTCTGGC
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 TTGCCATTTATTATCTGGCCAAGATGTATGCAACAGGAACAGGAGTAGTAAGATCATGCAGAACTGCTGT
 GGAGCTTTATAAAGGTGCTGTGAACTAGGCCACTGGGCTGAGAAATCCTGACAGCTTACTTTGCCTAT
 AAGGATGGTGATATAGATTCTTCTCTTGTTCAGTATGCACTGCTTGCAAGAAATGGGTATGAAGTAGCTC
 AAAGCAATTCAGCATTCATTTTGAATCTAAAAGGCTAACATTCTTGAAAAAGAGAAGATGTATCCAAT
 GGCGCTTCTCCTATGGAATCGAGCTGCCATTCAAGGCAATGCATTGCTAGAGTAAAAATGGAGATTAC
 CATTACTATGGCTATGGGACTAAGAAAGACTATCAACAGCAGCCACACACTACAGCATTGCAGCCAACA
 AATACCACAACGCGCAAGCCATGTTCAATCTGGCTTATATGTATGAACACGGCTTAGGCATCACAAGGA
 CATTCACTTGGCCAGAAGATTGTACGACATGGCTGCTCAAACGAGTCCAGATGCCCACATACCTGTGCTC
 TTTGCCGTCATGAACTGGAACTACGCATTGCTCCGGGATACCTGTTTTTAATTTACAACGAGAT
 GGAAGTGGCTGAACTGGAAACACCATTGGACCACACTGGGACTTATTTGTGATTGGCCTCATTGTTCC
 TGGGCTGATTTTGTGCTTAGAAATCACCATGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG221073 representing NM_025229
 Red=Cloning site Green=Tags(s)

MKPLSLLEILIEILIGVTIKTIKAEHNKRQKERNVTTQVSVNEIKQYLSHILEQRTSSNVINKRENLEK
 KKNQRKIRIKGIQNKDILKRKNHLQKQAEKNFTDEGDQLFKMGIKVLQQSKSQKQKEEAYLLFAKAADM
 GNLKAMEKMADALLFGNFGVQNITAAIQLYESLAKEGSCKAQNALGFLSSYGIGMEYDQAKALIYYTFGS
 AGGNMMSQMILGYRYLSGINVLQNCCEVALSYKKVADYIADTFEKGSEGVPEKVRLTERPENLSSNSEIL
 DWDIYQYYKFLAERGDVQIQVSLGLHLIGRGLDQDYKALHYFLKAAKAGSANAMAFIGKMYLEGNA
 VPQNNATAFKYFSMAASKGNAIGLHGLGLLYFHGKGVPLNYAEALKYFQKAAEKGPDAQFQLGFMYSG
 SGIWKDYKLAIFYLASQSGQPLAIYYLAKMYATGTGVVRSCTAVELYKGVCELGHWAKEFLTYFYAY
 KDGDIDSSLVQYALLAEMGYEVAQSNSAFILESKKANILEKEKMPMALLLNRAAIQGNAFARVKIGDY
 HYYGYGTTKDYQTAATHYSIAANKYHNAQAMFNLAYMYEHGLGITKDIHLARRLYDMAAQTSPDAHIPVL
 FAVMKLETHLLRDILFFNFTTRWNWLKDNTIGPHWDLFVIGLIVPGLILLRNHGG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025229

ORF Size: 2064 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_025229.2](#)

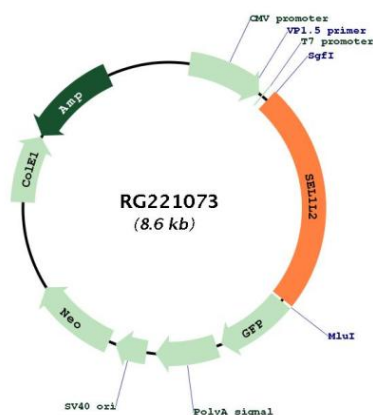
RefSeq Size: 2248 bp

RefSeq ORF: 2067 bp

Locus ID: 80343

Cytogenetics: 20p12.1

Product images:



Circular map for RG221073