

## Product datasheet for **RG237625**

### SLFNL1 (NM\_001300859) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLFNL1 (NM_001300859) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLFNL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237625 representing NM_001300859. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCCCATGAAGAGATCAGTGCAAACACAGGTGTCAGAGCCCTTCATGGAGTCTGGGGTGAGGAG
TCCCTGCCGGAGCTACCCGACAGCAGTCCCTGACGGAGTACTCTGACCTCGAGGAGGCTCCCTCGGC
CACACTCTCTATGTGGGCATCTGAACCCCAAGTCTCAGTGCCGGTCTTGCCTGCCTGCTGCGAGAC
ACCCTGGAGCGGCTGGAGATGCCGGTGGCGGGGAGCACATTGAAGTGGTGAAGCGGCCGGGAAGGCC
TATGCACTGGTGCAGGTGACTGTCCACAGGGACACCCCTGGCCCTCCCTCCCTGGCGCCTGCAGACGGCC
CTGGAGGACACCTAATCCTCAAGGAGCTGGCAGCCCGTGGGAAGGACCTGCTATTGAGTGAGGCCAA
GGGCCCTTCAGCCACAGAGAGCAGATCGTGGGCAAGGACCAGCTCTCCAGGGTGCCTTCTGGGACG
GAGACCCGCAATATGGAGTTCAAGCGGGGTAGCGGCGAGTACCTCAGCCTGGCCTTCAAGCACACGTG
CGGCGCTACGTGTGCGCCTTCTCAACAGCGAGGGCGGCAGCCTGCTCGTGGGAGTAGAGGACAGCGGC
CTGGTGCAGGGCATCCGCTGCAGCCACCGTGACGAGGACCGCGCACGCTGCTGGTGGACTCCATCTG
CAGGGCTTCAAGCCTCAGATCTTCCCAGTGCCTACACTCTCACCTTCATCCCTGTGATCAGTACCTCG
GAGACCAGCGTCCCCCTCAAGGTGATCCGCTGACCGTGCACACCCCAAGGCCAGAGCCAGCCGCAA
CTCTACCAGACAGACCAGGGGAGGTGTTTCTGCGGCGCGACGGGAGCATCCAGGGCCCGCTGTCTGCC
AGCGCCATCCAGGAGTGGTGCAGGCAGAGTGGCTGGTGGAGCTGGGCAAGCTGGAAGAGAGATGAAG
GCGCTGATGATGGAGAAGGAGCAGCTCCAGCAGCAGCTGCAGCAGCACGGCCTGTGTCTGCACCTG
TGTGTCCTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237625  
 Blue=ORF Red=Cloning site Green=Tag(s)

MTPMKRSVQTVSEPFMESWGEEESLPELPAEQSLTEYSDLEEAPSAHTLYVGHLPQFSVPVLACLLRD  
 TLERLEMPVAREHIEVRRPRKAYALVQTVVHRDTLASLPWRLQTALAEHLILKELAAARGKDLLLSEAQ  
 GPF SHREQIVGKDQLFQGAFLGSETRNMEFKRGSGEYL SLAFKHHVRRYVCAFLNSEGSLLVGVEDSG  
 LVQGI RCSRDEDRARLLVDSILQGFKPQIFPDAYTLTFIPVISTSETSVPLKVIRLTVHTPKAQSQPQ  
 LYQTDQGEVFLRRDGSIQPLSASAIQEWCQRWLVELGKLEEKMKALMMEKEQLQQQLQHGVPVSCTC  
 CVL  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001300859

**ORF Size:** 1044 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.

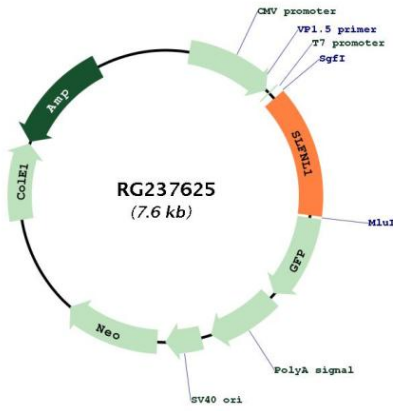
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**RefSeq:** [NM\\_001300859.2](#)

**RefSeq Size:** 1893 bp

RefSeq ORF: 1047 bp  
 Locus ID: 200172  
 UniProt ID: [Q499Z3](#)  
 Cytogenetics: 1p34.2  
 MW: 39.8 kDa

**Product images:**



Circular map for RG237625