

Product datasheet for **RG230020**

SLFNL1 (NM_001168247) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLFNL1 (NM_001168247) 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:	>RG230020 representing NM_001168247 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCCATGAAGAGATCAGTGCAAACACAGGTGTCAGAGCCCTTCATGGAGTCTGGGGTGAGGAGT
CCCTGCCGGAGCTACCCGACAGCAGTCCCTGACGGAGTACTCTGACCTCGAGGAGGCTCCCTCGGCGCA
CACTCTCTATGTGGGCCATCTGAACCCCAAGTTCAGTGCCGGTGTCTGCCTGCCTGTCGAGACACC
CTGGAGCGGCTGGAGATGCCGGTGGCGCGGGAGCACATTGAAGTGGTGGGCGCCGCGGAAGCCATG
CACTGGTGCAGGTGACTGTCCACAGGGACACCCTGGCCTCCCTCCCTGGCGCCTGCAGACGGCCCTGGA
GGAGCACCTAATCCTCAAGGAGCTGGCAGCCCGTGGGAAGGACCTGCTATTGAGTGAGGCCCAAGGGCCC
TTCAGCCACAGAGAGGAGAAGGAGGAGGAGGAGGACAGTGGCCTGAGCCCTGGCCCCAGTCCAGGCT
CTGGTGTCCCGTGGCCACCTGGCCTACACACAGCTGCCTGATAGGCCCCAGGCCAGCAGCTGCAGAG
CTGCCAGGGCCGCCCAGCGCGTGTGCTCCGACAGTGCATTGTGCACCAGCAGATCGTGGGAAGGAC
CAGCTCTCCAGGGTGCCTTCTGGGCAGCAGACCCGCAATATGGAGTCAAGCGGGTAGCGGCGAGT
ACCTCAGCCTGGCCTCAAGCACACGTGCGGCGCTACGTGTGCGCCTTCTCAACAGCAGGGCGCGCAG
CCTGCTCGTGGGAGTAGAGGACAGCGCCTGGTGCAGGGCATCCGCTGCAGCCACCGTGACGAGGCCG
GCACGCCTGCTGGTGGACTCCATCCTGCAGGGCTCAAGCCTCAGATCTTCCCAGTGCCTACACTCTCA
CCTTCATCCCTGTGATCAGTACCTCGGAGACCAGCGTCCCCCTCAAGGTGATCCGCTGACCGTGCACAC
CCCCAAGGCCAGAGCCAGCCGCAACTCTACCAGACAGACCAGGGGGAGGTGTTTCTGCGGCGCGACGGG
AGCATCCAGGGCCGCTGTCTGCCAGCGCCATCCAGGAGTGGTGCAGGCAGAGGTGGCTGGTGGAGCTGG
GCAAGCTGGAAGAGAAGATGAAGGCGCTGATGATGGAGAAGGAGCAGCTCCAGCAGCAGCTGCAGCAGCA
CGGGCCTGTGCTGCACCTGCTGTGCTCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG230020 representing NM_001168247
 Red=Cloning site Green=Tags(s)

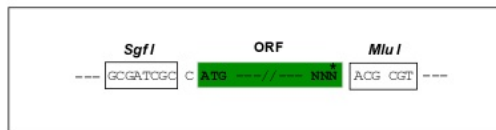
MTPMKRSVQTQVSEPFMESWGEEESLPELPAEQSLTEYSDLEEAPSAHTLYVGHLPQFSVPVLAACLLRDT
 LERLEMPVAREHIEVRRPRKAYALVQVTVHRDTLASLPWRLQTAL EEHLILKELAAARGKDLLLSEAQGP
 FSHREEKEEEEEEDSGLSPGSPGSGVPLPTWPTHLPDRPQAQQLQSCQGRPSGVCSDSAIVHQQIVGKD
 QLFQGAFLGSETRNMEFKRSGEYLSLAFKHHVRRYVCAFLNSEGGSLLVGVEDSGLVQGI RCSRDEDR
 ARLLVDSILQGFKPQIFPDAYTLFIPVI STSETSVPLKVIRLTVHTPKAQSQPQLYQTDQGEVFLRRDG
 SIQGPLSASAIQEWCRQRWLVELGKLEEKMKALMMEKEQLQQQLQHGVPV SCTCCVL

TRTRPLE - GFP Tag - V

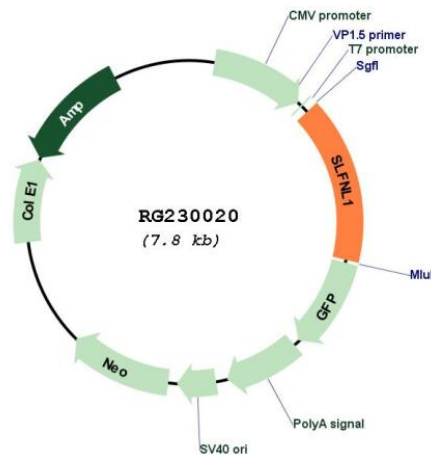
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001168247

ORF Size:	1221 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:	<ol style="list-style-type: none">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_001168247.2
RefSeq Size:	2133 bp
RefSeq ORF:	1224 bp
Locus ID:	200172
UniProt ID:	Q499Z3
Cytogenetics:	1p34.2