

Product datasheet for **RG237950**

SH3GLB2 (NM_001287046) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | SH3GLB2 (NM_001287046) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | SH3GLB2 |
| Synonyms: | PP6569; PP9455; RRIG1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG237950 representing NM_001287046. Blue=ORF Red=Cloning site Green=Tag(s) |

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGACTTCAACATGAAGAAGCTGGCGTCGGACCGGGCATCTTCTTACCCGGGCGGTGCAGTTACAG
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GCCCGAGTGGAGGAGTTCCTGTATGAGAAGCTGGACAGGAAGTCCCCTCAAGGGTACCAACGGGGAG
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GCGCTCTGGAATGATGAAGTGGACAAGGCCGAGCAGGAGCTCCGCGTGGCCAGACAGAGTTTGACCGG
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CAGGAGTTCGTCAGTCTCAGACAACCTACTACGCACAGTGTACCGCCACATGCTGGACTTGCAGAAG
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TACGAGGCAGCCGACAGCAGTGTGCTGGCCTGTGGCTGATGAGCTCATCACTGTCTACAGCCTGCCT
GGCATGGACCCTGACTGGCTCATTGGCGAGAGAGGCAACAAGAAGGGCAAGGTCCCTGTACCTACTTG
GAACTGCTCAGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237950
 Blue=ORF Red=Cloning site Green=Tag(s)

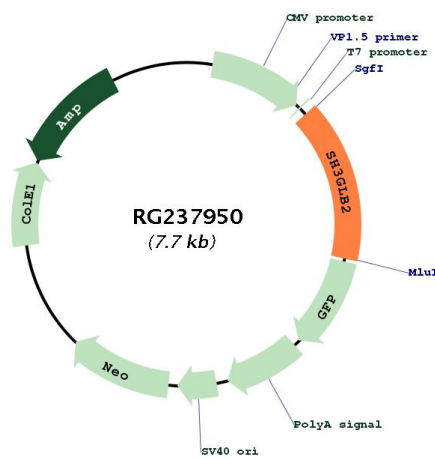
MDFNMKKLASDAGIFFTRAVQFTEEKFGQAEKTELDAHFENLLARADSTKNWTEKILRQTEVLLQPNS
 ARVEEFLYEKLDKRVPSRVNTEGELLAQYMADAASELGPTTPYGKTLIKVAEAEKQLGAAERDFIHTASI
 SFLTPLRNFLEGDWKTISKERRLLQNRRLDLACKARLKKAKAAEAKATVPDFQETRPRNYILSASAS
 ALWNDEVDKAEQELRVAQTEFDRQAEVTRLLLEGISSTHVNHLRCLHEFVKSQTYYAQCVRHMLDLQK
 QLGRFPGTFTVGTTEPASPLLSTSPPTAAATMPVVPVSVASLAPPGEASLCLLEEVAPPASGTRKARVLYD
 YEAADSSSELALLADELITVYSLPGMDPDWLIGERGNKKGKVPVTYLELLS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



| | |
|--------------------------|--|
| ACCN: | NM_001287046 |
| ORF Size: | 1185 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_001287046.1 , NP_001273975.1 |
| RefSeq Size: | 1763 bp |
| RefSeq ORF: | 1188 bp |
| Locus ID: | 56904 |
| UniProt ID: | Q9NR46 |
| Cytogenetics: | 9q34.11 |
| Protein Pathways: | Endocytosis |
| MW: | 44.4 kDa |