

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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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTTCTTACCCGGGCGGTGCAGTTACG
GAGGAGAAATTTGGCCAGGCTGAGAAGACTGAGCTTGATGCCACTTTGAAAACCTTCTGGCCCGGGCA
GACAGCACCAAGAAGTGGACAGAGAAGATCTTGAGGCAGACAGAGGTGCTGCTGCAGCCCAACCCAGT
GCCCGAGTGGAGGAGTTCCTGTATGAGAAGCTGGACAGGAAGTCCCCTCAAGGGTACCAACGGGGAG
CTGCTGGCTCAGTACATGGCAGACGCGCCAGTGAGCTGGGGCCGACCACCCCTATGGGAAGACTG
ATCAAGGTGGCAGAAGCTGAAAAGCAACTGGGAGCCGCGGAGAGGGATTTATCCACACGGCCTCCATC
AGCTTCTCACACCCCTTGCACACTTCCCTGGAGGGGACTGGAAGACCATCTCGAAGGAGAGGGCGGCTC
CTCCAAAACCGCGTCTGGACTTGGATGCCTGCAAAGCGAGGCTGAAGAAGGCCAAGGCTGCAGAAGCC
AAAGCCACGACGGTGCCTGACTTTCAGGAGACTAGACCTCGTAATTACATTCTCTCGGCCAGCGCCTCC
GCGCTCTGGAATGATGAAGTGGACAAGGCCGAGCAGGAGCTCCGCGTGGCCAGACAGAGTTTGACCGG
CAAGCAGAAGTGACCCGCTCTTGTCTGGAGGGAATCAGTAGCACTCACGTGAACCACTGCGCTGCCTC
CAGCTGGGCAGATTTCCCGGCACCTTGTGGGCACACAGAGCCCGCCTCCCAACCCCTGAGCAGCAC
TCACCCACTGCTGCGGCCACTATGCCTGTGGTGCCCTGTGGCCAGCCTGCCCCCTCCGGGGGAG
GCCTCGCTCTGCCTGGAAGAGGTGGCCCCCCTGCCAGTGGGACCGCAAAGCTCGGGTGTCTATGAC
TACGAGGCAGCCGACAGCAGTGAGCTGGCCCTGCTGGCTGATGAGCTCATCACTGTCTACAGCCTGCCT
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
 ARVEEFLYEKDRKVP SRVTNGELLAQYMADAASELGPTTPYGKTLIKVAEAEKQLGAAERDFIHTASI
 SFLTPLRNFLEGDWKTISKERRLLQNRRLDL DACKARLKKAKAAEAKATVPDFQETRPRNYILSASAS
 ALWNDEVDKAEQELRVAQTEFDRQAEVTRLLLEGISSTHVNHRLCLHEFVKSQTYYAQCVRHMLDLQK
 QLGRFPGTFVGTTEPASPLLSTSPPTAAATMPVVPVSVASLAPPGEASLCL EEVAPPASGTRKARVLYD
 YEAADSELALLADELITVYSLPGMDPDWLIGERGNKKGKVPVTVLELLS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



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).

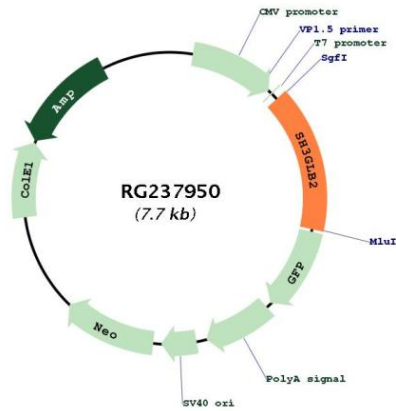
RefSeq: [NM_001287046.1](#), [NP_001273975.1](#)

RefSeq Size: 1763 bp

RefSeq ORF: 1188 bp
 Locus ID: 56904
 UniProt ID: [Q9NR46](#)

Cytogenetics: 9q34.11
 Protein Pathways: Endocytosis
 MW: 44.4 kDa

Product images:



Circular map for RG237950