

## Product datasheet for **RG238010**

### SH3GLB2 (NM\_001287045) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SH3GLB2 (NM_001287045) 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:	>RG238010 representing NM_001287045. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTTCTTACCCGGGCGGTGCAGTTACAG
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GCCCGAGTGGAGGAGTTCCTGTATGAGAAGCTGGACAGGAAGTCCCCTCAAGGGTACCAACGGGGAG
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GCCAGCGCTCCGCGCTCTGGAATGATGAAGTGGACAAGGCCGAGCAGGAGCTCCGCGTGGCCAGACA
GAGTTTGACCGCAAGCAGAAGTGACCCGTCTTGTGAGGGGAATCAGTAGCACTCACGTGAACCAC
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GAGCTCATCACTGTCTACAGCCTGCCTGGCATGGACCCTGACTGGCTCATTGGCGAGAGAGGCAACAAG
AAGGGCAAGTCCCTGTACCTACTTGGAACTGCTCAGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG238010  
 Blue=ORF Red=Cloning site Green=Tag(s)

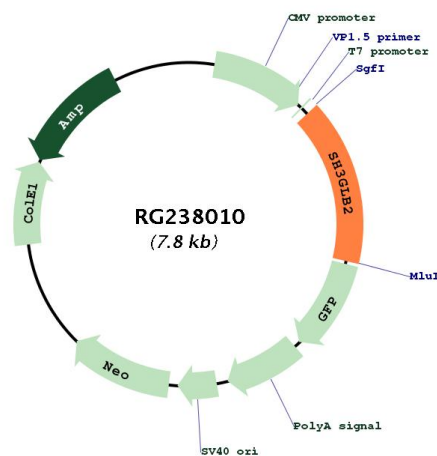
MDFNMKKLASDAGIFFTRAVQFTEEKFGQAEKTELDAHFNLLARADSTKNWTEKILRQTEVLLQPNS  
 ARVEEFLYEKLDKRVPSRVNTEGELLAQYMADAASELGPTTPYGKTLIKVAEAEKQLGAAERDFIHTASI  
 SFLTPLRNFLGDKWTISKERRLLQNRRLDLACKARLKKAKAAEAKATCEGDTVPDFQETRPRNYILS  
 ASASALWNDEVDKAEQELRVAQTEFDRQAEVTRLLLEGISSTHVNHLRCLHEFVKSQTTYAQCVRHML  
 DLQKQLGSSQGAIFPGTFVGTTEPASPPLSSTSPPTAAATMPVVPVSVASLAPPGEASLCLEEVAPPASG  
 TRKARVLYDYEAADSSSELALLADELITVYSLPGMDPDWLIIGERGNKKGKVPVTYLELLS  
**TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV**  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNTAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



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<b>ACCN:</b>	NM_001287045
<b>ORF Size:</b>	1212 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001287045.1</a> , <a href="#">NP_001273974.1</a>
<b>RefSeq Size:</b>	2323 bp
<b>RefSeq ORF:</b>	1215 bp
<b>Locus ID:</b>	56904
<b>UniProt ID:</b>	<a href="#">Q9NR46</a>
<b>Cytogenetics:</b>	9q34.11
<b>Protein Pathways:</b>	Endocytosis
<b>MW:</b>	45.2 kDa