

Product datasheet for RC237950

SH3GLB2 (NM_001287046) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3GLB2 (NM_001287046) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SH3GLB2
Synonyms:	PP6569; PP9455; RRIG1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237950 representing NM_001287046 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTTCTTACCCGGGCGGTGCAGTTCACGG
AGGAGAAATTTGGCCAGGCTGAGAAGACTGAGCTTGATGCCACTTTGAAAACCTTCTGGCCGGGCGAGA
CAGCACAAGAAGTGGACAGAGAAGATCTTGAGGCAGACAGAGGTGCTGCTGCAGCCCAACCCAGTGCC
CGAGTGGAGGAGTTCCTGTATGAGAAGCTGGACAGGAAGGTCCCCCAAGGGTCACCAACGGGGAGCTGC
TGGCTCAGTACATGGCAGACGCGCCAGTGAAGTGGGGCCGACCACCCCTATGGGAAGACTGATCAA
GGTGGCAGAAGCTGAAAAGCAACTGGGAGCCGCGGAGAGGGATTTATCCACACGGCCTCCATCAGCTTC
CTCACACCCTTGCCTTCTCTGGAGGGGACTGGAAGACCATCTCGAAGGAGAGGGCGCTCCTCCAAA
ACCGGCGTCTGGACTTGGATGCCTGCAAAGCGAGGCTGAAGAAGGCCAAGGCTGCAGAAGCCAAAGCCAC
GACGGTGCCTGACTTTCAGGAGACTAGACCTCGTAATTACATTCTCTCGCCAGCGCCTCCGCGCTCTGG
AATGATGAAGTGGACAAGGCCGAGCAGGAGCTCCGCGTGGCCAGACAGAGTTTGACCGCAAGCAGAAG
TGACCCGCTCTTGTGGAGGGAATCAGTACTGACACTCACGTGAACCACCTGCGCTGCCACGAGTTCGT
CAAGTCTCAGACAACCTACTACGCACAGTGTACCGCCACATGCTGGACTTGCAAGAAGCAGCTGGGCAGA
TTTCCCGCACCTTCGTGGGCACACAGAGCCCGCTCCCCACCCCTGAGCAGCACCTCACCCACCACTG
CTGCGGCCACTATGCCTGTGGTGCCTCTGTGGCCAGCCTGGCCCTCCGGGGGAGGCTCGCTCTGCCT
GGAAGAGGTGGCCCCCTGCCAGTGGGACCCGCAAAGCTCGGGTGTCTATGACTACGAGGCAGCCGAC
AGCAGTGAAGTGGCCCTGCTGGTGTGATGAGCTCATCACTGTCTACAGCCTGCCTGGCATGGACCCTGACT
GGCTATTGGCGAGAGAGGCAACAAGAAGGGCAAGGTCCCTGTCACCTACTTGAAGTGTCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237950 representing NM_001287046
 Red=Cloning site Green=Tags(s)

MDFNMKKLASDAGIFFTRAVQFTEEKFGQAEKTELDAHFENLLARADSTKNWTEKILRQTEVLLQPNPSA
 RVEEFLYEKLDKRVPSRVNTGELLAQYMADAASELGPTTPYGKTLIKVAEAEKQLGAAERDFIHTASISF
 LTPLRNFLEGDWKTISKERRLLQNRRLDL DACKARLKKAKAAEAKATTVPDFQETRPRNYILSASASALW
 NDEVDKAEQELRVAQTEFDRQAEVTRLLLEGISSTHVNHLRCLHEFVKSQTTYAQCVRHMLDLQKQLGR
 FPGTFVGTTEPASPPLSSPTTAAATMPVVPVSVASLAPPGEASLCL EEVAPPASGTRKARVLYDYEAAD
 SSELALLADELITVYSLPGMDPDWLIGERGNKKGKVPVTYLELLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

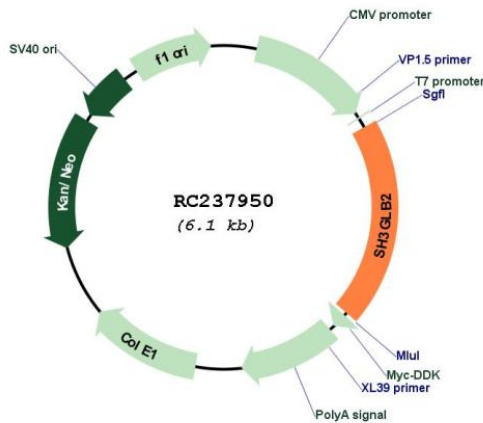
Restriction Sites:

Sgfl-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).
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_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