

Product datasheet for RC202593

SH3GLB2 (NM_020145) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SH3GLB2 (NM_020145) 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: >RC202593 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACTCAACATGAAGAAGCTGGCGTCGGACCGGGCATCTTCTTACCCGGGCGGTGCAGTTCAGG
AGGAGAAATTTGGCCAGGCTGAGAAGACTGAGCTTGATGCCACTTTGAAAACCTTCTGGCCGGGCGAGA
CAGCACCAGAAGTGGACAGAGAAGATCTTGAGGCAGACAGAGGTCTGCTGCAGCCCAACCCAGTGCC
CGAGTGGAGGAGTTCCTGTATGAGAAGCTGGACAGGAAGTCCCCCAAGGGTCACCAACGGGGAGCTGC
TGGCTCAGTACATGGCAGACCGGCCAGTGAAGTGGGGCCGACCACCCCTATGGGAAGACTGATCAA
GGTGGCAGAAGCTGAAAAGCAACTGGGAGCCGCGGAGAGGGATTTATCCACACGGCCTCCATCAGCTTC
CTCACACCCTTGCCTGCACTTCTGGAGGGGACTGGAAGACCATCTCGAAGGAGAGGGCGCTCCTCCAAA
ACCGGGCTCTGGACTTGGATGCCTGCAAAGCGAGGCTGAAGAAGGCCAAGGCTGCAGAAGCCAAAGCCAC
GACGGTGCCTGACTTTCAGGAGACTAGACCTCGTAATTACATTCTCTCGCCAGCGCCTCCGCGCTCTGG
AATGATGAAGTGGACAAGGCCGAGCAGGAGCTCCGCGTGGCCAGACAGAGTTTGACCGCAAGCAGAAG
TGACCCGCTCTTGTGGAGGGAATCAGTACTGACTCACGTGAACCACCTGCGCTGCCACGAGTTCGT
CAAGTCTCAGACAACCTACTACGCACAGTGTACCGCCACATGCTGGACTTGAGAAGCAGCTGGGCAGA
TTTCCCGCACCTTCGTGGGCACACAGAGCCCGCTCCCCACCCCTGAGCAGCACCTCACCCACCACTG
CTGCGGCCACTATGCCTGTGGTGCCTCTGTGGCCAGCCTGGCCCTCCAGGGGAGGCTCGCTCTGCCT
GGAAGAGGTGGCCCCCTGCCAGTGGGACCCGCAAAGCTCGGGTGTCTATGACTACGAGGCAGCCGAC
AGCAGTGAAGTGGCCCTGCTGGCTGATGAGCTCATCACTGTCTACAGCCTGCCTGGCATGGACCCTGACT
GGCTCATTGGCGAGAGAGGCAACAAGAAGGGCAAGGTCCCTGTCACCTACTTGAAGTGTCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC202593 protein sequence
 Red=Cloning site Green=Tags(s)

MDFNMKKLASDAGIFFTRAVQFTEEFKFGQAEKTELDAHFNLLARADSTKNWTEKILRQTEVLLQPNPSA
 RVEEFLYEKLDKRVPSRVTVNGELLAQYMADAASELGPTTPYGKTLIKVAEAEKQLGAAERDFIHTASISF
 LTPLRNFLEGDWKTISKERRLLQNRRLDL DACKARLKKAKAAAEAKATTVPDFQETRPRNYILSASASALW
 NDEVDKAEQELRVAQTEFDRQAEVTRLLLEGISSTHVNHLRCLHEFVKSQTTYAQCYRHMLDLQQLGR
 FPGTFVGTTEPASPLSSTPTTAAATMPVVPSVASLAPPGEASLCL EEVAPPASGTRKARVLYDYEAAD
 SSELALLADELITVYSLPGMDPDWLIGERGNKKGKVPVTYLELLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

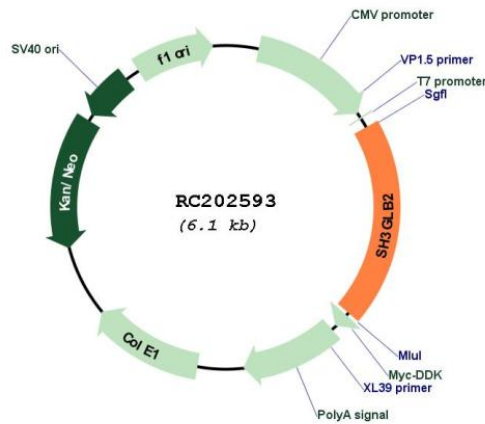
Chromatograms: https://cdn.origene.com/chromatograms/mk6153_g05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

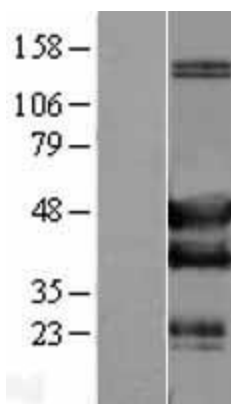


Plasmid Map:

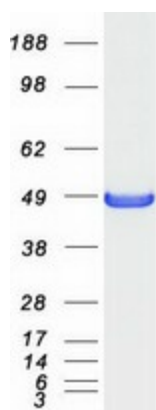


ACCN:	NM_020145
ORF Size:	1185 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own 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.
RefSeq:	NM_020145.2 , NP_064530.1
RefSeq Size:	2296 bp
RefSeq ORF:	1188 bp
Locus ID:	56904
UniProt ID:	Q9NR46 , A0A024R896
Domains:	SH3, BAR
Protein Pathways:	Endocytosis
MW:	44 kDa

Product images:



Western blot validation of overexpression lysate (Cat# [LY402767]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202593 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified SH3GLB2 protein (Cat# [TP302593]). The protein was produced from HEK293T cells transfected with SH3GLB2 cDNA clone (Cat# RC202593) using MegaTran 2.0 (Cat# [TT210002]).