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Product datasheet for SC113194

SH3GLB2 (NM_020145) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3GLB2 (NM_020145) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3GLB2
Synonyms:	PP6569; PP9455; RRIG1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>OriGene sequence for NM_020145 edited
GAATTCGGCACCAGGCGGGCGGGCAGGCGGGCAGGCCGGCAGGCGGGTGCGCGGAGGGCT
GGTGCCCCGCAGCAGGTGGGCGGGGTGCGGTTGGCGGCGGCGGCTGGGCCGGGGGCTGCC
GGCTGCGCTCGGGCCGTGCGCGGCGGCCGTGCGGGCACGCCATGGACTTCAACATGAAGA
AGCTGGCGTCGGACGCGGGCATCTTCTTCACCCGGGCGGTGCAGTTCACGGAGGAGAAAT
TTGGCCAGGCTGAGAAGACTGAGCTTGATGCCCACTTTGAAAACCTTCTGGCCCGGGCAG
ACAGCACCAAGAACTGGACAGAGAAGATCTTGAGGCAGACAGAGGTGCTGCTGCAGCCCA
ACCCCAGTGCCCGAGTGGAGGAGTTCCTGTATGAGAAGCTGGACAGGAAGGTCCCCTCAA
GGGTCACCAACGGGGAGCTGCTGGCTCAGTACATGGCAGACGCGGCCAGTGAGCTGGGGC
CGACCACCCCCTATGGGAAGACACTGATCAAGGTGGCAGAAGCTGAAAAGCAACTGGGAG
CCGCGGAGAGGGATTTTATCCACACGGCCTCCATCAGCTTCCTCACACCCTTGCGCAACT
TCCTGGAGGGGGACTGGAAGACCATCTCGAAGGAGAGGCGGCTCCTCCAAAACCGGCGTC
TGGACTTGGATGCCTGCAAAGCGAGGCTGAAGAAGGCCAAGGCTGCAGAAGCCAAAGCCA
CGACGGTGCCTGACTTTCAGGAGACTAGACCTCGTAATTACATTCTCTCGGCCAGCGCCT
CCGCGCTCTGGAATGATGAAGTGGACAAGGCCGAGCAGGAGCTCCGCGTGGCCCAGACAG
AGTTTGACCGGCAAGCAGAAGTGACCCGTCTCTTGCTGGAGGGAATCAGTAGCACTCACG
TGAACCACCTGCGCTGCCTCCACGAGTTCGTCAAGTCTCAGACAACCTACTACGCACAGT
GCTACCGCCACATGCTGGACTTGCAGAAGCAGCTGGGCAGATTTCCCGGCACCTTCGTGG
GCACCACAGAGCCCGCCTCCCCACCCCTGAGCAGCACCTCACCCACCACTGCTGCGGCCA
CTATGCCTGTGGTGCCCTCTGTGGCCAGCCTGGCCCCTCCGGGGGAGGCCTCGCTCTGCC
TGGAAGAGGTGGCCCCCCCTGCCAGTGGGACCCGCAAAGCTCGGGTGCTCTATGACTACG
AGGCAGCCGACAGCAGTGAGCTGGCCCTGCTGGCTGATGAGTTCATCACTGTCTACAGCC
TGCCTGGCATGGACCCTGACTGGCTCATTGGCGAGAGAGGCAACAAGAAGGGCAAGGTCC
CTGTCACCTACTTGGAACTGCTCAGCTAGGCAGGTGCCCCCATCCCCCCCGCATTCTGGC
CTAGGCAGGAGAGGATGGGCGCAGCCCTGCCACTTAACTTGTTTGTTGGTGACACAGTTG
TTCAGAGTGGGGAGAATTCACCCCATTCTGTCCCTGCCCCTAGTCACCTAGCTGTGAGGG
TGCCTGAGGCTGAATGGCTCCACCCCTCCCCCAGCCCTGCTTCTGACCTGTGGCTCTGGA
GCCCCTGCCCCTGCCTGCATCCCCGAGCACCCCACCCTCCAGGCTCCACTAAGGAGGGAG
GGGCTGTCTGCAGCAGCTGCACTCAGCACCTAGGCCAGGGTGGGGCCGCCGCAGATGGGC
TCAGGAAGCCCCAGGTGCACTCAGCAAGAGCCCTGCCTTTCAGTTGCCAAAAGCTGCATC
AGGGGAATGCGGCAAGGCACACAGGGCTCTGGCAGCCCCTGGGGACTGGGCGCTGCCCCT
GGGAGGGGAGAGCCTGGCCAGGGCTGGTGTTGGGCCCGGAGCAGCATCTTCCGGTGCTAT
CCTCCCCTCCCACCCCTCACAGCTCAAGCCAAGTCCAGCGGCCGCAGTCTTCACCTCTCC
ACACTCACTTTTTATCTGGTGTTTTTACTTCTGCCTGCGTTTGCTCTCTAGCCAATAAAC
CGTCCTTGTGTGCGAGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020145 unedited
GTTCAGATTTGTATACGACTCATATAGGCGGCCGCGAAATCGGCACCAGGCGGGCGGGCA
GGCGGGCAGGCCGGCAGGCGGGTGCGCGGAGGGCTGGTGCCCCGCAGCAGGTGGGCGGGG
TGCGGTTGGCGGCGGCGGCTGGGCCGGGGGCTGCCGGCTGCGCTCGGGCCGTGCGCGGCG
GCCGTGCGGGCACGCCATGGACTTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTT
CTTCACCCGGGCGGTGCAGTTCACGGAGGAGAAATTTGGCCAGGCTGAGAAGACTGAGCT
TGATGCCCACTTTGAAAACCTTCTGGCCCGGGCAGACAGCACCAAGAACTGGACAGAGAA
GATCTTGAGGCAGACAGAGGTGCTGCTGCAGCCCAACCCCAGTGCCCGAGTGGAGGAGTT
CCTGTATGAGAAGCTGGACAGGAAGGTCCCCTCAAGGGTCACCAACGGGGAGCTGCTGGC
TCAGTACATGGCAGACGCGGCCAGTGAGCTGGGGCCGACCACCCCCTATGGGAAGACACT
GATCAAGGTGGCAGAAGCTGAAAAGCAACTGGGAGCCGCGGAGAGGGATTTTATCCACAC
GGCCTCCATCAGCTTCCTCACACCCTTGCGCAACTTCCTGGAGGGGGACTGGAAGACCAT
CTCGAAGGAGAGGCGGCTCCTCCAAAACCGGCGTCTGGACTTGGATGCCTGCAAAGCGAG
GCTGAAGAAAGCCAAGGCTGCAGAAGCCAAACCACGACGGTGCCTGACTTTCAGGAGACT
AGACCTCGTAATTACATTCTCTCGGCCAGCGCCTCCGCGCTCTGGATGTATGAAAGTGGA
CAAGGGCCGAGCAGAGCTNCGCGTGGCCAGACAGAGTTTGACCGGCAAGCAGAGTGACCC
GTCTCTTGCTGGAGGGAATCAGTAGCACCACGTGACCACCTGCGCTGCTNCACGAGTTCG
TCAGTCTAGACAACTATACGACATGCTACCGCATGCTGGACTGCGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020145 unedited
ACCATGTACCGCGCCGCAATCNANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTGACCCCCACACCAGGGACGGGTTATTGGCTAGAGAGCAA
ACCCCGGCCGAAGTAAAAACCCCCGATAAAAAGTGAGTGTGGAGAGGTGAAAACTGCGGC
CCCTGGACTTGGCTTGAGCTGTGAGGGGTGGGAGGGGAGGATAACACCGGAAGATGCTGC
TCCGGGCCCAACACCAGCCCTGGGCAGGCTTTCCCCTCCCAGGGGCAGGGCCCAATCCCC
AGGGGCTGCCAAAACCCTGGGGGCCTTGCCGCATTCCCCTGGTGCCACTTTTGGCAACTG
AAAGGCAGGGCTCTTGCTGAGTGCACCCGGGGCTTCCTGAGCCCATCTGCGGGGGCCCCA
CCCTGGGCTAAGTGCTGAGTGCAACTGCTGCAAACAGCCCCTCCCTCCTTAATGGAGCCT
GGAGGGTGGGGTGCTCCGGGATGCAGGCAGGGGCAGGGGCTCCACAGCCCCCAGTCAAAA
ACCAGGCTGGGGGAGGGGTGGAACCATTCCGCCTTCGGGCCCCTCACAGGTAGGTGACTT
TGGGCCGGGACAGAATGGGGAGAAAATCTCCCCACTCTGAACAACTGTGGCACCCACCAA
ACAAGTTTAGGGGGAGGGGTGCCCCCCATTCCACTCCTGGCTTGGCCAAATGGGCGGGGG
GGTGGGGGCACCTGGCCCCCTCTAACCCTTCCAAATATGGGAACAGGGGCCTTGGCCCCT
TTTTTGGGCCTCTTCTCCCCTATAAGACCGGGGCGGGGCCCTGCCCCCCCGCGTGGAACA
CGGGGTGACCCCTTCTCGCGGAAGCGCCCTCTACTGTGTGGGGCCGCCCCCTTTCTCAAA
ACCCCCCGCCTTGGGGGTCCTCCTGGGTGGGGAGGCCCTCTT

Restriction Sites: NotI-NotI

ACCN: NM_020145

Insert Size: 2000 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	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_020145.2, NP_064530.1
RefSeq Size:	2039 bp
RefSeq ORF:	1188 bp
Locus ID:	56904
UniProt ID:	Q9NR46
Cytogenetics:	9q34.11
Domains:	SH3, BAR
Protein Pathways:	Endocytosis