

## SH3GLB2 cDNA

Catalog Number: ATGD0274

### PRODUCT INFORMATION

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**Catalog number**

ATGD0274

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_064530.1

**Alternative Names**

PP6569, PP9455, RRG1

**mRNA Refseq**

NM\_020145.3

**OMIM**

609288

**Chromosome location**

9q34

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

1188bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

# SH3GLB2 cDNA

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SH3GLB2 (SH3-Domain GRB2-Like Endophilin B2) is a Protein Coding gene. Among its related pathways are Endocytosis. An important paralog of this gene is SH3GL3.

## DATA

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### Sequence nucleotides

```
ATGGACTTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTTCTTACCCGGGCGGTGCAGTTCACGGAGGAGAAATTT
GGCCAGGCTGAGAAGACTGAGCTTGATGCCCACTTTGAAAACCTTCTGGCCCCGGGCAGACAGCACCAAGAACTGGACAGA
GAAGATCTTGAGGCAGACAGAGGTGCTGCTGCAGCCCAACCCAGTGCCCGAGTGGAGGAGTTCCTGTATGAGAAGCTGG
ACAGGAAGTCCCCTCAAGGGTCACCAACGGGGAGCTGCTGGCTCAGTACATGGCAGACGCGGCCAGTGAGCTGGGGCC
GACCACCCCTATGGGAAGACTGATCAAGGTGGCAGAAGCTGAAAAGCAACTGGGAGCCGCGGAGAGGGATTTTATCC
ACACGGCCTCCATCAGCTTCTCACACCCTTGCGCAACTTCTGGAGGGGGACTGGAAGACCATCTCGAAGGAGAGGGCGG
CTCCTCCAAAACCGGCGTCTGGACTTGGATGCCTGCAAAGCGAGGCTGAAGAAGGCCAAGGCTGCAGAAGCCAAAGCCAC
GACGGTGCCTGACTTTTCAGGAGACTAGACCTCGTAATTACATTCTCTCGGCCAGCGCCTCCGCGCTCTGGAATGATGAAGT
GGACAAGGCCGAGCAGGAGCTCCGCGTGGCCAGACAGAGTTTGACCGGCAAGCAGAAGTGACCCGTCTCTTGCTGGAG
GGAATCAGTAGCACTCACGTGAACCACCTGCGCTGCCTCCACGAGTTCGTCAAGTCTCAGACAACCTACTACGCACAGTGC
TACCGCCACATGCTGGACTTGCAGAAGCAGCTGGGCAGATTTCCCGGCACCTTCGTGGGCACCACAGAGCCC GCCTCCCCA
CCCCTGAGCAGCACCTCACCCACCACTGCTGCGGCCACTATGCCTGTGGTGCCTCTGTGGCCAGCCTGGCCCCTCCGGG
GGAGGCCTCGCTCTGCCTGGAAGAGGTGGCCCCCCTGCCAGTGGGACCCGCAAAGCTCGGGTGCTCTATGACTACGAGG
CAGCCGACAGCAGTGAGCTGGCCCTGCTGGCTGATGAGCTCATCACTGTCTACAGCCTGCCTGGCATGGACCCTGACTGGC
TCATTGGCGAGAGAGGCAACAAGAAGGGCAAGGTCCCTGTCACCTACTTGGAACTGCTCAGCTAG
```

### Transaction Sequence

```
MDFNMKKLAS DAGIFFTRAV QFTEEKFGQA EKTELDAHFE NLLARADSTK NWTEKILRQT EVLLQPNPSA RVEEFLYEKL
DRKVPSRVTN GELLAQYMAD AASELGPTTP YGKTLIKVAE AEKQLGAAER DFIHTASISF LTPLRNFLEG DWKTISKERR
LLQNRRLDLD ACKARLKKAK AAEAKATTVP DFQETRPRNY ILSASASALW NDEVDKAEQE LRVAQTEFDR QAEVTRLLLE
GISSTHVNHL RCLHEFVKSQ TTYAQCYRH MLDLQKQLGR FPGTFVGTTE PASPPLSSTS PTAAATMPV VPSVASLAPP
GEASLCLEEV APPASGTRKA RVLYDYEAAD SSELALLADE LITVYSLPGM DPDWLIGERG NKKGKVPV TY LELS
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