

SH3GLB2 cDNA

Catalog Number: ATGD0274

PRODUCT INFORMATION

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

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

Catalog Number: ATGD0274

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

Sequence nucleotides

```
ATGGACTTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTTCTTACCCGGGCGGTGCAGTTCACGGAGGAGAAATTT
GGCCAGGCTGAGAAGACTGAGCTTGATGCCCACTTTGAAAACCTTCTGGCCCCGGGCAGACAGCACCAAGAAGCTGGACAGA
GAAGATCTTGAGGCAGACAGAGGTGCTGCTGCAGCCCAACCCAGTGCCCGAGTGGAGGAGTTCCTGTATGAGAAGCTGG
ACAGGAAGTCCCCTCAAGGGTCACCAACGGGGAGCTGCTGGCTCAGTACATGGCAGACGCGGCCAGTGAGCTGGGGCC
GACCACCCCTATGGGAAGACTGATCAAGGTGGCAGAAGCTGAAAAGCAACTGGGAGCCGCGGAGAGGGATTTTATCC
ACACGGCCTCCATCAGCTTCTCACACCCTTGCGCAACTTCCTGGAGGGGGACTGGAAGACCATCTCGAAGGAGAGGGCGG
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
```