

GLIPR2 cDNA

Catalog Number: ATGD0079

PRODUCT INFORMATION

Catalog number

ATGD0079

Product type

cDNA

Species

Human

NCBI Accession No.

NP_071738.1

Alternative Names

C9orf19, GAPR-1, GAPR1

mRNA Refseq

NM_022343.3

OMIM

607141

Chromosome location

9p13.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

465bp

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 Nde 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

GLIPR2 cDNA

Catalog Number: ATGD0079

GLIPR2 is closely related to plant pathogenesis-related (PR-1) proteins, which are upregulated in response to pathogen attack. This protein is found within lipid-enriched microdomains on the cytosolic side of the endomembrane system. GLIPR2 is tightly anchored to membranes and absent from the cytosol, although it does not possess a membrane-spanning domain

DATA

Sequence nucleotides

```
ATGGGCAAGT CAGCTTCAA ACAGTTTCAT AATGAGGTCC TGAAGGCCA CAATGAGTAC CGGCAGAAGC
ACGGCGTCCC CCCACTGAAG CTCTGCAAGA ACCTCAACCG GGAGGCTCAA CAGTATTCTG AGGCCCTGGC
CAGCACGAGG ATCCTCAAGC ACAGCCCGGA GTCCAGCCGT GGCCAGTGTG GGGAGAACCT TGCATGGGCA
TCCTATGATC AGACAGGAAA GGAGGTGGCT GATAGATGGT ACAGTGAAAT CAAGA ACTAT AACTCCAGC
AGCCTGGCTT CACCTCGGGG ACTGGACT TCACGGCCAT GGTATGGAAG AACACCAAGA AGATGGGCGT
GGGAAGGCG TCCGCAAGTG ACGGGTCCTC CTTTGTGGTG GCCAGATACT TCCAGCGGG GAATGTTGTC
AATGAGGGCT TCTTCGAAGA AAACGTCCTG CCGCCGAAGA AGTAA
```

Transaction Sequence

```
MGKSASKQFH NEVLKAHNEY RQKHGVPPLK LCKNLNREAQ QYSEALASTR ILKHSPSSR GQCGENLAWA SYDQTGKEVA
DRWYSEIKNY NFQQPGFTSG TGHFTAMVWK NTKKMGVGA SASDGSSFVV ARYFPAGNVV NEGFFEENVL PPKK
```