

PLEKHA3 cDNA

Catalog Number: ATGD0484

PRODUCT INFORMATION

Catalog number

ATGD0484

Product type

cDNA

Species

Human

NCBI Accession No.

NP_061964.3

Alternative Names

FAPP1

mRNA Refseq

NM_019091.3

OMIM

607774

Chromosome location

2q31.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

903bp

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

PLEKHA3 cDNA

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PLEKHA3 (Pleckstrin homology domain-containing family A member 3) is involved in Golgi to cell surface membrane traffic and induces membrane tubulation. It binds specifically to phosphatidylinositol-4-phosphate (PtdIns4P), but not to other phosphoinositides.

DATA

Sequence nucleotides

```
ATGGAGGGGGTGTGTACAAGTGGACCAACTATCTCACAGGCTGGCAGCCTCGTTGGTTTGTTTAGATAATGGAATCTTAT
CCTACTATGATTCACAAGATGATGTTTGCAAAGGGAGCAAAGGAAGCATAAAGATGGCAGTTTGTGAAATTAAGTTCATTC
AGCAGACAACACAAGAATGGAATTAATCATTCTGGAGAGCAGCATTCTACATGAAGGCAGTGAATGCAGCTGAAAGACA
GAGGTGGCTGGTCGCTCTGGGGAGCTCCAAAGCATGTTTGACTGATACAAGGACTAAAAAAGAAAAAGAAATAAGTGAAAC
CAGTGAATCGCTGAAAACCAAAATGTCTGAACTTCGCCTCTACTGTGACCTCTTAATGCAGCAAGTTCATACAATACAGGAAT
TTGTTCCACCATGATGAGAATCATTTCATCTCCTAGTGCAGAGAACATGAATGAAGCCTCTTCTCTGCTTAGTGCCACGTGTAAC
ACATTCATCACAACGCTTGAGGAATGTGTGAAGATAGCCAATGCCAAGTTTAAACCTGAGATGTTTCAACTGCACCATCCGG
ATCCCTTAGTTTCTCCTGTGTACCTTCTCCTGTTCAAATGATGAAGCGTTCTGTGAGCCACCCTGGTTCTTGCAGTTCAGAG
AGGAGTAGCCACTCTATAAAGAACCAGTATCTACACTTCACCGACTCTCCCAGCGACGCCGAAGAACCTACTCAGATACAG
ATTCTTGTAGTGATATTCCTCTTGAAGACCCAGATAGACCTGTTCACTGTTCAAAAAATACACTTAATGGAGATTTGGCATCA
GCAACCATTCTGAAGAAAGCAGACTTATGGCCAAAAACAATCTGAATCAGAAGATACTCTTCCATCCTTCTTCTCTGA
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Transaction Sequence

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MEGVLYKWTN YLTGWQPRWF VLDNGILSY YDSQDDVCKGS KGSIKMAVCE IKVHSADNTRMELIIPGEQH FYMKAVNAAE
RQRWLVALGS SKACLTDRTR KKEKEISETS ESLKTKMSELRLYCDLLMQQ VHTIQEFVHH DENHSSPSAE NMNEASSLLS
ATCNTFITL EECVKIANAKFKPEMFQLHH PDPLVSPVSP SPVQMMKRSV SHPGSCSSER SSHSIKEPVS
TLHRLSQRRRTYSDTDCS DIPLEDPRP VHCSKNTLNG DLASATIPPE SRLMAKKQSE SEDTLPSFSS
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