

GABARAPL1 cDNA

Catalog Number: ATGD0211

PRODUCT INFORMATION

Catalog number

ATGD0211

Product type

cDNA

Species

Human

NCBI Accession No.

NP_113600.1

Alternative Names

APG8-LIKE, APG8L, ATG8, ATG8B, ATG8L, GEC1

mRNA Refseq

NM_031412.2

OMIM

607420

Chromosome location

12p13.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

354bp

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

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GABARAPL1 (GABA (A) Receptor-Associated Protein Like 1) is a Protein Coding gene. Diseases associated with GABARAPL1 include spastic hemiplegia. Among its related pathways are FoxO signaling pathway and Circadian entrainment.

DATA

Sequence nucleotides

ATGAAGTTCCAGTACAAGGAGGACCATCCCTTTGAGTATCGGAAAAAGGAAGGAGAAAAGATCCGGAAGAAATATCCGGAC
AGGGTCCCCGTGATTGTAGAGAAGGCTCCAAAAGCCAGGGTGCCTGATCTGGACAAGAGGAAGTACCTAGTGCCCTCTGA
CCTTACTGTTGGCCAGTTCTACTTCTTAATCCGGAAGAGAATCCACCTGAGACCTGAGGACGCCTTATTCTTCTTTGTCAACA
ACACCATCCCTCCCACCAGTGCTACCATGGGCCAACTGTATGAGGACAATCATGAGGAAGACTATTTTCTGTATGTGGCCTA
CAGTGATGAGAGTGTCTATGGGAAATGA

Transaction Sequence

MKFQYKEDHP FEYRKKEGEK IRKKYPDRVP VIVEKAPKAR VPDLDKRKYL VPSDLTVGQF YFLIRKRIHL RPEDALFFFV
NNTIPPTSAT MGQLYEDNHE EDYFLYVAYS DESVYGK