

DYNLL2 cDNA

Catalog Number: ATGD0240

PRODUCT INFORMATION

Catalog number

ATGD0240

Product type

cDNA

Species

Human

NCBI Accession No.

NP_542408.1

Alternative Names

Dlc2, DNCL1B, RSPH22

mRNA Refseq

NM_080677.2

OMIM

608942

Chromosome location

17q22

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

270bp

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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DYNLL2 (Dynein, Light Chain, LC8-Type 2) is a Protein Coding gene. Among its related pathways are Class I MHC mediated antigen processing and presentation and Vasopressin-regulated water reabsorption. GO annotations related to this gene include cytoskeletal protein binding and motor activity. An important paralog of this gene is DNAL4.

DATA

Sequence nucleotides

```
ATGTCTGACCGGAAGGCAGTGATCAAGAACGCAGACATGTCTGAGGACATGCAACAGGATGCCGTTGACTGCGCCACGCA
GGCCATGGAGAAGTACAATATAGAGAAGGACATTGCTGCCTATATCAAGAAGGAATTTGACAAGAAATATAACCCTACCTGG
CATTGTATCGTGGGCCGAAATTTTGGCAGCTACGTACACACGAGACAAAGCACTTCATCTATTTTACTTGGGTCAAGTTGC
AATCCTCCTCTTCAAGTCAGGCTAG
```

Transaction Sequence

```
MSDRKAVIKN ADMSEDMQQD AVDCATQAME KYNIEKDIAA YIKKEFDKKY NPTWHCIVGR NFGSYVTHET KHFIYFYLQ
VAILLFKSG
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