

DYNLRB2 cDNA

Catalog Number: ATGD0255

PRODUCT INFORMATION

Catalog number

ATGD0255

Product type

cDNA

Species

Human

NCBI Accession No.

NP_570967.1

Alternative Names

DNCL2B, DNLC2B, ROBLD2

mRNA Refseq

NM_130897.2

OMIM

607168

Chromosome location

16q23.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

291bp

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

DYNLRB2 cDNA

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Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules

DATA

Sequence nucleotides

```
ATGGCAGAGGTGGAGGAAACCTTAAAGAGGATCCAGAGTCATAAAGGGGTTATTGGAACATGTTGTAATGCAGAAGGT  
ATTCCCATCCGAACAACCTTGGACAACCTCAACAACCTGTTCAATATGCAGGCCTTCTTCATCACCTGACAATGAAAGCCAAAAG  
CACAGTTCGTGATATTGATCCTCAGAACGACCTGACTTTTCTTAGGATCAGATCAAAGAAACATGAAATCATGGTAGCTCCA  
GATAAGGAATATCTTCTGATCGTCATTCAGAATCCATGTGAATAG
```

Transaction Sequence

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MAEVEETLKR IQSHKGVIGT MVVNAEGIPi RTTLDNSTTV QYAGLLHHLT MKAKSTVRDIDPQNDLTLR IRSKKHEIMV  
APDKEYLLIV IQNPCE
```