PRODUCT INFORMATION

Catalog number ATGD0240

Product type cDNA

Species Human

NCBI Accession No. NP_542408.1

Alternative Names DIc2, 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

Centrifuge at 7000rpm for 1 minute.
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



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 CATTGTATCGTGGGCCGAAATTTTGGCAGCTACGTCACACACGAGACAAAGCACTTCATCTATTTTTACTTGGGTCAAGTTGC AATCCTCCTCTTCAAGTCAGGCTAG

Transaction Sequence

MSDRKAVIKN ADMSEDMQQD AVDCATQAME KYNIEKDIAA YIKKEFDKKY NPTWHCIVGR NFGSYVTHET KHFIYFYLGQ VAILLFKSG