

DCTN5 cDNA

Catalog Number: ATGD0120

PRODUCT INFORMATION

Catalog number

ATGD0120

Product type

cDNA

Species

Human

NCBI Accession No.

NP_115875.1

Alternative Names**mRNA Refseq**

NM_032486.3

OMIM

612962

Chromosome location

16p12.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

549bp

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 inserted 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

DCTN5 encodes a subunit of dynactin, a component of the cytoplasmic dynein motor machinery involved in

DCTN5 cDNA

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minus-end-directed transport. The encoded protein is a component of the pointed-end subcomplex and is thought to bind membranous cargo. A pseudogene of this gene is located on the long arm of chromosome 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

DATA

Sequence nucleotides

```
ATGGAGTTGG GCGAGCTGCT CTACAACAAG TCTGAGTACA TCGAGACGGC ATCTGGGAAC AAAGTCAGTC
GCCAGTCAGT GTTGTGTGGA AGCCAGAACA TCGTTCTCAA TGGCAAGACC ATTGTGATGA ATGACTGTAT
TATCCGAGGG GATCTGGCAA ATGTAAGAGT TGGACGTCAT TGTGTTGTGA AAAGTCGTAG TGTCATAAGG
CCACCATTCA AGAAGTTCAG CAAAGGTGTT GCATTCTTTC CTTTACATAT TGGAGACCAT GTCTTTATTG
AGGAAGATTG TGTGGTCAAC GCAGCACAGA TTGGTTCCTA TGTTTCATGTT GGGAAGAACT GTGTGATTGG
GCGCCGATGT GTGTTGAAAG ACTGCTGCAA AATTCTTGAC AACACAGTAT TACCTCCAGA AACTGTGGTT
CCACCATTCA CTGTCTTCTC AGGCTGCCCA GGACTCTTCT CAGGGGAGCT CCCGGAGTGC ACTCAGGAGC
TGATGATTGA CGTCACCAAG AGCTACTACC AGAAGTTTTT GCCCCTGACG CAAGTCTAG
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Transaction Sequence

```
MELGELLYNK SEYIETASGN KVSRSVLG SQNIVLNGKT IVMNDCIIRG DLANVRVGRH CVVKSRSVIR PPFKKFSKGV
AFFPLHIGDH VFIEEDCVVN AAQIGSYVHV GKNCVIGRRC VLKDCCKILD NTVLPPETVV PPFTVFSGCP GLFSGELPEC
TQELMIDVTK SYYQKFLPLT QV
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