

DGCR6L cDNA

Catalog Number: ATGD0369

PRODUCT INFORMATION

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ATGD0369

Product type

cDNA

Species

Human

NCBI Accession No.

NP_150282.2

Alternative Names

DGCR6

mRNA Refseq

NM_033257.3

OMIM

609459

Chromosome location

22q11.21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

663bp

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

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DDGCR6L is a protein that shares homology with the Drosophila gonadal protein, expressed in gonadal tissues and germ cells, and with the human laminin gamma-1 chain that functions in cell attachment and migration. This protein is located in a region of chromosome 22 implicated in the DiGeorge syndrome, one facet of a broader collection of anomalies referred to as the CATCH 22 syndrome.

DATA

Sequence nucleotides

ATGGAGCGCTACGCGGCCGCTTGGAGGAGGTGGCGGACGGTGCCCGGCAGCAGGAGCGACACTACCAGTTGCTGTCTGG
CGCTACAGAGCCTGGTGAAGGAGTTGCCAGCTCTTTCCAGCAGCGCCTGTCCTACACCACGCTCAGCGACCTGGCCCTGG
CGCTTCTCGACGGCACCGTGTTTCGAAATCGTGCAGGGGCTACTGGAGATCCAGCACCTCACCGAAAAGAGCCTGTACAACC
AGCGCCTGCGCCTACAGAACGAGCACCGAGTGCTCAGGCAGGCGCTGCGGCAGAAGCACCAGGAAGCCCAGCAGGCCTG
CCGGCCCCACAACCTGCCTGTGGTTCAGGCGGCTCAGCAGCGAGAACTAGAGGCCGTGGAACACCGGATCCGTGAGGAGC
AGCGGGCGATGGACCAGAAGATCATCCTGGAGCTGGACCGGAAGGTGGCTGACCAGCAGAGCACACTGGAGAAGGCGGG
GGTGGCTGGCTTCTACGTGACCACCAACCCACAGGAGCTGATGCTGCAGATGAACCTGCTGGAACCTCATCCGAAAGCTGCA
GCAGAGGGGCTGCCGGGCAGGGAATGCAGCCCTGGGACTGGGAGGTCCCTGGCAGTCGCCTGCTGCCCAGTGTGACCAG
AAAGGCAGCCCTGTCCCACCATAG

Transaction Sequence

MERYAAALEE VADGARQQR HYQLLSALQS LVKELPSSFQ QRLSYTTLSL LALALLDGTV FEIVQGLLEI QHLTEKSLYN
QRLRLQNEHR VLRQALRQKH QEAQQACRPH NLPVVQAAQQ RELEASEHRI REEQRAMDQK IILELDRKVA DQSTLEKAG
VAGFYVTTNP QELMLQMNLL ELIRKLQQRG CRAGNAALGL GGPWQSPAAQ CDQKGSPVPP