

IDNK cDNA

Catalog Number: ATGD0315

PRODUCT INFORMATION

Catalog number

ATGD0315

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001001551.2

Alternative Names

bA522I20.2, C9orf103

mRNA Refseq

NM_001001551.3

OMIM

611343

Chromosome location

9q21.32

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

564bp

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

IDNK cDNA

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IDNK belongs to the gluconokinase GntK/GntV family. It is involved in the pathway D-gluconate degradation, which is part of Carbohydrate acid metabolism.

DATA

Sequence nucleotides

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ATGGCGGGCGCCGGGCGCGCTGCTGGTGATGGGCGTGAGCGGCTCGGGGAAATCCACCGTGGGCGCCCTGCTGGCATCTG
AGCTGGGATGGAAATTCTATGATGCTGATGATTATCACCCGGAGGAAAATCGAAGGAAGATGGGAAAAGGCATACCGCTCA
ATGACCAGGACCGGATTCCATGGCTCTGTAACTTGCATGACATTTTACTAAGAGATGTAGCCTCGGGACAGCGTGTGGTTCT
AGCCTGTTTCAGCCCTGAAGAAAACGTACAGAGACATATTAACACAAGGAAAAGATGGTGTAGCTCTGAAGTGTGAGGAGTC
GGGAAAGGAAGCAAAGCAGGCTGAGATGCAGCTCCTGGTGGTCCATCTGAGCGGGTCGTTTGAGGTCATCTCTGGACGCT
TACTCAAAAGAGAGGGGACATTTTATGCCCCCTGAATTATTGCAGTCCCAGTTTGAGACTCTGGAGCCCCCAGCAGCTCCAGA
AAACTTTATCCAAATAAGTGTGGACAAAAATGTTTCAGAGATAATTGCTACAATTATGGAAACCCTAAAAATGAAATGA
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Transaction Sequence

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MAAPGALLVM GVSQSGKSTV GALLASELGW KFYDADDYHP EENRRKMKGK IPLNDQDRIPWLCNLHDILL RDVASGQRVV
LACSALKKTY RDILTQKGDG VALKCEESGK EAKQAEMQLLVVHLSGSFEV ISGRLLKREG HFMPPELLQS QFETLEPPAA
PENFIQISVD KNVSEIIATIMETLKMK
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