

NICN1 cDNA

Catalog Number: ATGD0099

PRODUCT INFORMATION

Catalog number

ATGD0099

Product type

cDNA

Species

Human

NCBI Accession No.

NP_115692.1

Alternative Names**mRNA Refseq**

NM_032316.3

OMIM

611516

Chromosome location

3p21.31

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

642bp

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

NICN1 localizes to the nucleus and is expressed in numerous tissues including brain, testis, liver, and kidney.

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This refseq contains genomic sequence in its 3' UTR which is not supported by experimental evidence. Computer predictions indicate that this region of the 3' UTR contains hairpin-forming self-complementary sequence which is possibly excised after transcription. This gene has a pseudogene on chromosome X.

DATA

Sequence nucleotides

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ATGTCCCGCG TTTTGGTGCC TTGCCATGTG AAAGGCTCCG TAGCCCTCCA GGTGGGCGAC GTGCGGACCT
CCCAAGGCCG GCCTGGCGTG CTGGTCATCG ATGTCACCTT CCCAGCGTC GCTCCCTTCG AGTTGCAGGA
AATCACGTTT AAGAATTACT ACACAGCTTT TTTGAGCATC CGTGTCCGTC AGTACACCTC AGCACACACA
CCTGCCAAGT GGGTGACCTG CCTGCGGGAC TACTGCCTAA TGCCTGACCC ACACAGTGAG GAGGGAGCCC
AGGAGTATGT ATCGCTGTTT AAGCATCAGA TGCTGTGTGA CATGGCTAGA ATATCGGAGC TACGCCTGAT
TCTGCGGCAG CCATCACCAC TGTGGCTGTC TTTCACAGTG GAGGAGCTGC AGATCTATCA GCAGGGACCA
AAGAGCCCCT CCGTGACCTT TCCCAAGTGG CTCTCCACC CAGTGCCCTG TGAGCAACCT GCACTCCTCC
GTGAGGGTCT CCCAGACCCC AGCAGGGTAT CCTCCGAGGT GCAGCAGATG TGGGCACTGA CAGAGATGAT
CCGGGCCAGT CACACCTCCG CAAGGATCGG CCGCTTTGAT GTGGATGGCT GTTATGACCT GAACTTGCTC
TCCTACACTT GA
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Transaction Sequence

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MSRVLVPCHV KGSVALQVGD VRTSQGRPGV LVIDVTFPSV APFELQEITF KNYTAFSLI RVRQYTSHT PAKWVTCLRD
YCLMPDPHSE EGAQEYVSLF KHQMLCDMAR ISELRLILRQ PSPLWLSFTV EELQYQQGP KSPSVTFPKW LSHPVPCEQP
ALLREGLPDP SRVSSEVQQM WALTEMIRAS HTSARIGRFD VDGCDLNL SYT
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