

NANP cDNA

Catalog Number: ATGD0127

PRODUCT INFORMATION

Catalog number

ATGD0127

Product type

cDNA

Species

Human

NCBI Accession No.

NP_689880.1

Alternative Names

C20orf147, dj694B14.3, HDHD4

mRNA Refseq

NM_152667.2

OMIM

610763

Chromosome location

20p11.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

747bp

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

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NANP (N-Acetylneuraminic Acid Phosphatase) is a Protein Coding gene. Among its related pathways are Metabolism and Amino sugar and nucleotide sugar metabolism.

DATA

Sequence nucleotides

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ATGGGGCTGAGCCGCGTGCGGGCGGTTTTCTTTGACTTGGACAACACTCTCATCGACACGGCCGGGGCGAGCAGGAGAGG
CATGTTGGAGGTGATAAACTCTTACAATCAAAATACCATTATAAAGAAGAGGCTGAAATCATCTGTGATAAAGTTCAAGTTA
AACTCAGCAAGGAATGTTTTCATCCTTACAATACATGCATTACTGATTTAAGGACTTCACATTGGGAAGAAGCAATCCAGGAA
ACAAAAGGTGGTGCAGCCAATAGAAAATTGGCTGAAGAATGTTATTTCTTTGGAAATCTACACGTTTACAGCATATGACACT
AGCAGAAGACGTCAAAGCCATGCTTACTGAACTTCGAAAGGAGGTCCGCCTACTTCTATTAACGAATGGGGACAGACAGAC
CCAGAGGGGAGAAGATTGAGGCTTGTGCCTGTCAGTCCTATTTTGACGCTGTTGTTGTAGGTGGAGAGCAGAGAGAGGAGAA
ACCAGCACCGTCCATATTTTATTACTGCTGCAATCTTCTCGGAGTACAACCTGGGGACTGTGTGATGGTCGGTGACACATTA
GAAACCGACATCCAAGGAGGCCTCAATGCAGGATTGAAAGCAACAGTCTGGATCAATAAAAATGGAATAGTGCCACTGAAG
TCCTCCCCAGTTCCGCATTACATGGTTTCTTCTGTGCTAGAGTTACCTGCTCTCTTACAAAGTATAGACTGCAAAGTCAGTAT
GTCCAATTAA
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Transaction Sequence

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MGLSRVRAVF FDLNLTIDT AGASRRGMLE VIKLLQSKYH YKEEAEIICD KVQVKLSKEC FHPYNTCITD LRTSHWEEAI
QETKGGAANR KLAEECYFLW KSTRLLQHMTL AEDVKAMLTE LRKEVRLLLL TNGDRQTQRE KIEACACQSY FDAVVVGGEQ
REEKPAPSIF YYCCNLLGVQ PGDCVMVGDT LETDIQGGLN AGLKATVWIN KNGIVPLKSS PVPHYMVSSV LELPALLQSI
DCKVSMST
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