

GNPNAT1 cDNA

Catalog Number: ATGD0152

PRODUCT INFORMATION

Catalog number

ATGD0152

Product type

cDNA

Species

Human

NCBI Accession No.

NP_932332.1

Alternative Names

GNPNAT, Gpnat1

mRNA Refseq

NM_198066.3

OMIM**Chromosome location**

14q22.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

555bp

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

GNPNAT1 (Glucosamine-Phosphate N-Acetyltransferase 1) is a Protein Coding gene. Among its related pathways

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are Biosynthesis of the N-glycan precursor (dolichol lipid-linked oligosaccharide, LLO) and transfer to a nascent protein and Biosynthesis of the N-glycan precursor (dolichol lipid-linked oligosaccharide, LLO) and transfer to a nascent protein.

DATA

Sequence nucleotides

```
ATGAAACCTGATGAAACTCCTATGTTTTGACCCAAGTCTACTCAAAGAAGTGGACTGGAGTCAGAATACAGCTACATTTTCTCC
AGCCATTTCCCAACACATCCTGGAGAAGGCTTGGTTTTGAGGCCTCTTTGTAAGTACTGCTGACTTAAATAGAGGTTTTTTAAGG
TATTGGGTGAGCTAACAGAGACTGGAGTTGTCAGCCCTGAACAATTTATGAAATCTTTGAGCATATGAAGAAATCTGGGGA
TTATTATGTTACAGTTGTAGAAGATGTGACTCTAGGACAGATTGTTGCTACGGCAACTCTGATTATAGAACATAAATTCATCC
ATTCCTGTGCTAAGAGAGGAAGAGTAGAAGATGTTGTTGTTAGTGATGAATGCAGAGGAAAGCAGCTTGGCAAATTGTTATT
ATCAACCCTTACTTTGCTAAGCAAGAAACTGAACTGTTACAAGATTACCCTTGAATGTCTACCACAAAATGTTGGTTTCTATAA
AAAGTTTGGATATACTGTATCTGAAGAAAACACTACATGTGTCGGAGGTTTCTAAAGTAA
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Transaction Sequence

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MKPDETPMFD PSLLEKVDWS QNTATFSPA I SPTHPEGLV LRPLCTADLN RGFFKVLGQLTETGVVSPEQ FMKSFHEMKK
SGDYVTVVE DVTLGQIVAT ATLIIHKFI HSCAKRGRVEDVVVSDECRG KQLGKLLLST LLLSKKLNK YKITLECLPQ
NVGFYKKFGY TVSEENYMCRRFLK
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