

NAA30 cDNA

Catalog Number: ATGD0448

PRODUCT INFORMATION

Catalog number

ATGD0448

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001011713.2

Alternative Names

C14orf35, MAK3, Mak3p, NAT12, NAT12P

mRNA Refseq

NM_001011713.2

OMIM**Chromosome location**

14q22.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1089bp

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

NAA30 (N (Alpha) -Acetyltransferase 30, NatC Catalytic Subunit) is a catalytic subunit of the N-terminal

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acetyltransferase C (NatC) complex. It catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. NAA30 is necessary for the lysosomal localization and function of ARL8B suggesting that ARL8B is a NatC substrate.

DATA

Sequence nucleotides

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ATGGCGGAGGTACCGCCTGGGCCTAGCAGCCTCCTCCCACCACCAGCACCTCCGGCCCCGGCGGCGGTGAGCCCCGCTG
TCCCTTCCCCGGCGGGGGCCGCCCTCGCTGCTGCAGCGAGGACGAGGAGGACGACGAAGAGCACGAAGGCGGCGGCAG
CAGGAGCCCCGGCGGGCGGAGAGTCGGCGACGGTGGCGGCCAAGGGGCATCCGTGCCTCCGCTGCCCTCAGCCGCCGCA
GGAGCAGCAGCAGCTCAACGGATTGATTAGCCCCGAAGTGCAGGACCTCCGGGCGGCGCCCTCCCTCAAGAGCAAGGTCC
TGAGCGTAGCAGAGGTGGCCGCGACCACAGCCACCCCTGACGGAGGCCCCAGAGCGACTGCAACAAAAGGAGCCGGGGT
ACACTCGGGCGAGAGGCCCCCTCACTCCCTCTCTAGTAATGCAAGAACTGCGGTCCCCAGCCCGGTGGAGGCAGCGGCGG
CGAGCGATCCCCGCGGCGGCCCCGCAATGGACTGGCCGAGGGCACCGAGCAGGAGGAGGAGGAGGAAGACGAGCAGGTGC
GGCTGCTGTCTTCGTCCCTGACCGCCGACTGCAGCTTAAGAAGCCCTTCGGGCGAGGAGGTTGAGCCTGGGGAGGATCGG
ACGATACGATATGTCCGATATGAATCCGAGCTACAAATGCCCGATATCATGAGACTGATACCAAAGATCTGTCCGAACCCT
ACTCCATTTATACCTATAGATATTTTATCCACAAGTGGCCACAGCTGTGCTTCTTGGCCATGGTAGGGGAGGAGTGTGTAGG
TGCCATCGTTTGCAAGTTGGATATGCACAAAAAGATGTTCCGCAGAGGTTATATAGCCATGTTAGCCGTGGATTCCAAATAC
AGGAGAAATGGCATTGGTACTAAGTGGTTAAGAAAGCTATATATGCCATGGTTGAGGGAGACTGTGATGAGGTTGTTTTG
AAACCGAAATAACAAATAAGTCCGCTTTGAAACTTTATGAAAATCTTGTTTTGTTTCGAGATAAGAGGCTGTTTCAGATACTAT
TTAAATGGAGTTGATGCACTGCGACTTAACTGTGGCTGCGTTGA
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Transaction Sequence

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MAEVPPGPSS LLPPPAPPAP AAVEPRCPFP AGAALACCSE DEEDDEEHEG GGSRSPAGGESATVAAKGHP CLRCPQPPQE
QQQLNGLISP ELRHLRAAAS LKSKVLSVAE VAATTATPDGGPRATATKGA GVHSGERPPH SLSSNARTAV PSPVEAAAAS
DPAAARNGLA EGTEQEEEEDEQVRLSSS LTADCSLRSP SGREVEPGED RTIRYVRYES ELQMPDIMRL
ITKDLSEPYSIYTRYFIHN WPQLCFLAMV GEECVGAIVC KLDMHKMFMR RGYIAMLAVD SKYRRNGIGTNLVKKAIYAM
VEGDCDEVVL ETEITNKSAL KLYENLGFVR DKRLFRYYLN GVDALRLKLWLR
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