

Recombinant human NAT12/NAA30 protein

Catalog Number: ATGP2180

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-362aa

UniProt No.

Q147X3

NCBI Accession No.

NP_001011713

Alternative Names

N-alpha-acetyltransferase 30, C14orf35, MAK3, Mak3p, NAT12, N-acetyltransferase 12, N-acetyltransferase MAK3 homolog, NatC catalytic subunit

PRODUCT SPECIFICATION

Molecular Weight

41.7 kDa (385aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

N-alpha-acetyltransferase 30, also known as NAA30, is catalytic subunit of the N-terminal acetyltransferase C (NatC) complex. This protein catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. This protein is necessary for the lysosomal localization and function of ARL8B. Recombinant human NAA30 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human NAT12/NAA30 protein

Catalog Number: ATGP2180

Amino acid Sequence

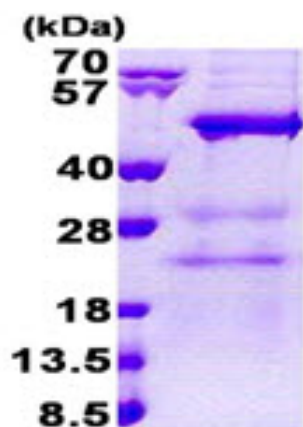
MGSSHHHHHH SGLVPRGSH MGSMAEVPPG PSSLLPPPAP PAPA AVEPRC PFPAGAALAC CSEDEEDDEE HEGGGSRSPA
GGESATVAAK GHPCLRCQPQ PQEQQLNGL ISPELRHLRA AASLKSKVLS VAEVAATTAT PDGGPRATAT KGAGVHSGER
PPHSLSSNAR TAVPSPVEAA AASDPAAARN GLAEGTEQEE EEDEQVRL SSSLTADCSL RSPSGREV EP GEDRTIRYVR
YESELQMPDI MRLITKDLSE PYSIYTYRYF IHNWPQLCFL AMVGEECVGA IVCKLDMHKK MFRRGYIAML AVDSKYRRNG
IGTNLVKKAI YAMVEGDCDE VVLETEITNK SALKLYENLG FVRDKRLFRY YLNGVDALRL KLWLR

General References

Starheim K.K., et al. (2009) Mol. Cell. Biol. 29:3569-3581

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)