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.

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Amino acid Sequence

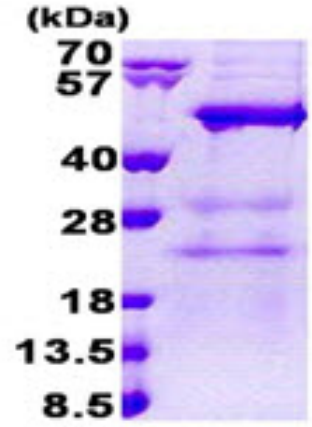
MGSSHHHHHH SSGLVPRGSH MGSMAEVPPG PSSLLPPPAP PAPAAVEPRC PFPAGAALAC CSEDEEDDEE HEGGGSRSPA GGESATVAAK GHPCLRCPQP PQEQQQLNGL ISPELRHLRA AASLKSKVLS VAEVAATTAT PDGGPRATAT KGAGVHSGER PPHSLSSNAR TAVPSPVEAA AASDPAAARN GLAEGTEQEE EEEDEQVRLL SSSLTADCSL RSPSGREVEP GEDRTIRYVR YESELQMPDI MRLITKDLSE PYSIYTYRYF IHNWPQLCFL 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



15% SDS-PAGE (3ug)

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