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
> 85% 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

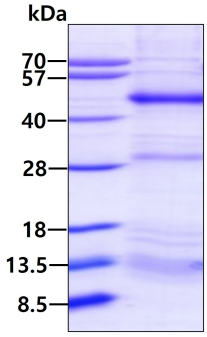
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General References

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.