

Recombinant Human N(alpha)-acetyltransferase 30, NatC catalytic subunit, His-tagged

Cat. No. NAA30-226H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAA30, 1-362aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-362 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	41.7 kDa (385aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSM AEVPPG PSSLLPPPAP PAPAAVEPRC PFPAGAALAC CSEDEEDDEE HEGGGS RSPA GGESATVAAK GHPCLRCPQP PQEQQQLNGL ISPELRHLRA AASLKSKVLS VAEVAATTAT PDGGPRATAT KGAGVHSGER PPHSLSSNAR TAVPSPVEAA AASDPAAARN GLAEGTEQEE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EEEDEQVRLL SSSLTADCSL RSPSGREVEP GEDRTIRYVR YESELQMPDI
 MRLITKDLSE PYSIYTYRYF IHNWPQLCFL AMVGEECVGA IVCKLDMHKK
 MFRRGYIAML AVDSKYRRNG IGTNLVKKAI YAMVEGDCDE VVLETEITNK
 SALKLYENLG FVRDKRLFRY YLNGVDALRL KLWLR

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [NAA30 N\(alpha\)-acetyltransferase 30, NatC catalytic subunit \[Homo sapiens \]](#)

Official Symbol NAA30

Synonyms NAA30; N(alpha)-acetyltransferase 30, NatC catalytic subunit; C14orf35, chromosome 14 open reading frame 35 , N acetyltransferase 12 , N acetyltransferase 12 (GCN5 related, putative) , NAT12; N-alpha-acetyltransferase 30; FLJ35355; MAK3; Mak3p; natC catalytic subunit; putative N-acetyltransferase; N-acetyltransferase MAK3 homolog; N-acetyltransferase 12 (GCN5-related, putative); N-alpha-acetyltransferase 30, NatC catalytic subunit; NAT12; C14orf35; MGC141884; MGC141885;

Gene ID [122830](#)

mRNA Refseq [NM_001011713](#)

Protein Refseq [NP_001011713](#)

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UniProt ID	Q147X3
Chromosome Location	14q22.2
Function	N-acetyltransferase activity; peptide alpha-N-acetyltransferase activity; transferase activity, transferring acyl groups;

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