
Product Data Sheet

Product Name: NAA30 Human
 Cat. No.: GP21968
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	N(Alpha)-Acetyltransferase 30; NatC Catalytic Subunit; C14orf35; NAT12; N-Acetyltransferase 12 (GCN5-Related; Putative); N-Acetyltransferase 12; NatC Catalytic Subunit; MAK3; N-Acetyltransferase MAK3 Homolog; Chromosome 14 Open Reading Frame 35; Mak3p; NAT12P; N-Alpha-Acetyltransferase 30; N-Alpha-Acetyltransferase30; NatC Catalytic Subunit; Putative N-Acetyltransferase; EC 2.3.1.88.		
Amino Acid Sequence	<p>MGSSHHHHHH SGLVPRGSH MGSMAEVPPG PSSLLPPPAP PAPA AVEPRC PFPAGAALAC CSEDEEDDEEHEGGGSRSPA GGESATVAAK GHPCLRCQPQ PQEQQLNGL ISPELRHLRA AASLKS KVL S VAEVAATTATPDGGPRATAT KGAGVHSGER PPHSLSSNAR TAVPSPVEAA AASDPAAARN GLAEGTEQEE EEDEQVRL SSSLTADCSL RPSGREVEPGEDRTIRYVR YESELQMPDI MRLITKDLSE PYSIYTRYF IHNWPQLCFL AMVGEECVGA IVCKLDMHKKMFRGGYIAML AVDSKYRRNG IGTNLVKKAI YAMVEGDCDE VVLETEITNK SALKLYENLG FVRDKRLFRY YLNGVDALRL KLWLR</p>		
Formulation	NAA30 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

N-alpha-acetyltransferase30 (NAA30) is catalytic subunit of the N-terminal acetyltransferaseC (NatC) complex. NAA30 catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. In addition, NAA30 is essential for the lysosomal localization and function of ARL8B. The disease Eastern equine encephalitis has been associated with NAA30.

Stability

Caution: Product has not been fully validated for medical applications. For research use only.

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Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

NAA30 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 385 amino acids (1-362 a.a) and having a molecular mass of 41.7kDa.

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