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Product datasheet for PH316714

MAK3 (NAA30) (NM_001011713) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAA30 MS Standard C13 and N15-labeled recombinant protein (NP_001011713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216714
Predicted MW:	39.1 kDa
Protein Sequence:	>RC216714 representing NM_001011713 Red=Cloning site Green=Tags(s) MAEVPPGPSSLLPPPAPPAPAAVEPRCPFPAGAALACCSEDEEDDEEHEGGGSRSPAGGESATVAAKGHP CLRCPQPPQEQQQLNGLISPELRHLRAAASLKSKVLSVAEVAATTATPDGGPRATATKGAGVHSGERPPH SLSSNARTAVPSPVEAAAASDPAAARNGLAEGTEQEEEEEDEQVRLLSSSLTADCSLRSPSGREVEPGED RTIRYVRYESELQMPDIMRLITKDLSEPYSIYTYRYFIHNWPQLCFLAMVGEECVGAIVCKLDMHKKMFR RGYIAMLAVDSKYRRNGIGTNLVKKAIYAMVEGDCDEVVLETEITNKSALKLYENLGFVRDKRLFRYYLN GVDALRLKLWLR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001011713
RefSeq Size:	2891
RefSeq ORF:	1086
Synonyms:	C14orf35; MAK3; Mak3p; NAT12; NAT12P
Locus ID:	122830

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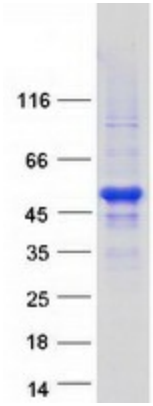
UniProt ID: Q147X3, B3KS28

Cytogenetics: 14q22.3

Summary: Catalytic subunit of the N-terminal acetyltransferase C (NatC) complex. Catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. Necessary for the lysosomal localization and function of ARL8B sugeesting that ARL8B is a NatC substrate.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NAA30 protein (Cat# [TP316714]). The protein was produced from HEK293T cells transfected with NAA30 cDNA clone (Cat# [RC216714]) using MegaTran 2.0 (Cat# [TT210002]).