

Product datasheet for PH308314

NAA40 (NM_024771) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAA40 MS Standard C13 and N15-labeled recombinant protein (NP_079047)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208314
Predicted MW:	27.2 kDa
Protein Sequence:	>RC208314 protein sequence Red=Cloning site Green=Tags(s) MGRKSSKAKEKKQKRLEERAAMDVCAKVDAANRLGDPLEAFPVFKKYDRNGLNVSIECKRVSGLEPATV DWAFDLTKTNMQTMYEQSEWGWKDREKREEMTDDRAWYLIAWENSSVPVAFSHFRFDVECGDEVLYCYEV QLESKVRRKGLGKFLIQILQLMANSTQMKKVMLTVFKHNHGAYQFFREALQFEIDDSSPSMSGCCGEDCS YEILSRRTKFGDSHSHAGGHCGGCCH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_079047
RefSeq Size:	3681
RefSeq ORF:	711
Synonyms:	hNatD; NAT11; NatD; PATT1
Locus ID:	79829
UniProt ID:	Q86UY6 , A0A024R5C6

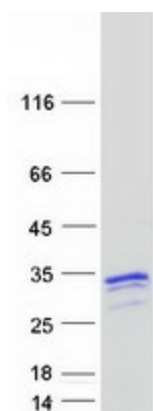


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Cytogenetics: 11q13.1

Summary: N-alpha-acetyltransferase that specifically mediates the acetylation of the N-terminal residues of histones H4 and H2A (PubMed:21935442, PubMed:25619998). In contrast to other N-alpha-acetyltransferase, has a very specific selectivity for histones H4 and H2A N-terminus and specifically recognizes the 'Ser-Gly-Arg-Gly sequence' (PubMed:21935442, PubMed:25619998). Acts as a negative regulator of apoptosis (PubMed:26666750). May play a role in hepatic lipid metabolism (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NAA40 protein (Cat# [TP308314]). The protein was produced from HEK293T cells transfected with NAA40 cDNA clone (Cat# [RC208314]) using MegaTran 2.0 (Cat# [TT210002]).