

Product datasheet for **TP308314M**

NAA40 (NM_024771) Human Recombinant Protein

Product data:

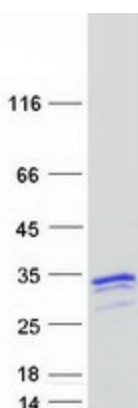
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-acetyltransferase 11 (GCN5-related, putative) (NAT11), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208314 protein sequence Red =Cloning site Green =Tags(s)
	MGRKSSKAKEKKQKRLEERAAMDVCAKVDAANRLGDPLEAFPVFKKYDRNGLNVSIECKRVSGLEPATV DWAFLTKTNMQTMYEQSEWGWKDREKREMTDDRAWYLIAWENSSVPVAFSHFRFDVECGDEVLYCY EV QLESKVRRLKGLGKFLIQILQLMANSTQMKKVMLTVFKHNHGAYQFFREALQFEIDDSSPSMSGCCGEDCS YEILSRRTKFGDSHHSHAGGHCGGCCH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	27 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_079047</u>
Locus ID:	79829



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UniProt ID:	<u>Q86UY6</u>
RefSeq Size:	3681
Cytogenetics:	11q13.1
RefSeq ORF:	711
Synonyms:	hNatD; NAT11; NatD; PATT1
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]).