

Product datasheet for **TP325257M**

NACA (NM_001113202) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nascent polypeptide-associated complex alpha subunit (NACA), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC225257 Blue=ORF Red=Cloning site Green=Tag(s) MPGEATETVPATEQELPQPQAETGSGTESDSDESVPLEEQDSTQATTQQAQLAAAAEIDEEPVSKAKQ SRSEKKARKAMSKLGLRQVTGVTRVTIRKSKNILFVITKPDVYKSPASDTYIVFGEAKIEDLSQQAQLA AAEKFKVQGEAVSNIQENTQTPTVQEESSEEEVDETGVEVKDIELVMSQANVSRAKAVRALKNNSNDIV NAIMELTM TRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC225257 also available, TP325257M
Tag:	C-Myc/DDK
Predicted MW:	23.2 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:	NP_001106673
Locus ID:	4666



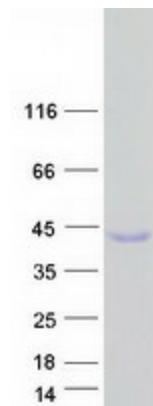
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UniProt ID: [Q13765](#), [A0A024RB41](#)
Cytogenetics: 12q13.3
RefSeq ORF: 645
Synonyms: HSD48; NAC-alpha; NACA1; skNAC

Summary: This gene encodes a protein that associates with basic transcription factor 3 (BTF3) to form the nascent polypeptide-associated complex (NAC). This complex binds to nascent proteins that lack a signal peptide motif as they emerge from the ribosome, blocking interaction with the signal recognition particle (SRP) and preventing mistranslocation to the endoplasmic reticulum. This protein is an IgE autoantigen in atopic dermatitis patients. Alternative splicing results in multiple transcript variants, but the full length nature of some of these variants, including those encoding very large proteins, has not been determined. There are multiple pseudogenes of this gene on different chromosomes. [provided by RefSeq, Feb 2016]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified NACA protein (Cat# [TP325257]). The protein was produced from HEK293T cells transfected with NACA cDNA clone (Cat# [RC225257]) using MegaTran 2.0 (Cat# [TT210002]).