

Recombinant Human NACA Protein, MYC/DDK-tagged

Cat. No. NACA-188H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NACA protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	23.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	nascent polypeptide-associated complex alpha subunit [Homo sapiens]
Official Symbol	NACA
Synonyms	HSD48; MGC117224; NACA1
Gene ID	4666
mRNA Refseq	NM_001113202.1
Protein Refseq	NP_001106673.1
MIM	601234
UniProt ID	Q13765

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