

Product datasheet for **AR50111PU-N**

NACA (1-215, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NACA (1-215, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPGEATETVP ATEQELPQPQ AETGSGTESD SDESVPLEEE QDSTQATTQQ AQLAAAAEID EEPVSKAKQS RSEKKARKAM SKLGLRQVTG VTRVTIRKSK NILFVITKPD VYKSPASDTY IVFGEAKIED LSQQAQLAAA EKFKVQGEAV SNIQENTQTP TVQEESEEEE VDETGVVEKDI IELVMSQANV SRAKAVRALK NNSNDIVNAI MELTM
Tag:	His-tag
Predicted MW:	25.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NACA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001106672
Locus ID:	4666
UniProt ID:	Q13765 , A0A024RB41
Cytogenetics:	12q13.3
Synonyms:	HSD48; NAC-alpha; NACA1; skNAC



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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: