9051 Mira Mesa Blvd, #910094
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NACA Human

Nascent Polypeptide-Associated Complex Alpha Human Recombinant
RCP1446

Product Overview

Name	NACA Human

Description

Nascent Polypeptide-Associated Complex Alpha Human Recombinant

Accession (Primary)	Q13765

Synonyms

Nascent polypeptide-associated complex alpha subunit, NACA1, NAC-alpha, alpha-NAC, Allergen Hom s 2.

Introduction

NACA belongs to the nascent polypeptide associated complex (NAC) alpha subunit family which takes part in inhibiting unsuitable targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). NACA proteins are usually restricted to the nucleus and cytoplasm and hold NAC-A/B (NAC-alpha/beta) and UBA (ubiquitin-associated) domains. The UBA domain is related to proteins which takes part in the ubiquitin-proteasome pathway for protein degradation.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The NACA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MPGEATETVP ATEQELPQPQ AETGSGTESD SDESVPELEE QDSTQATTQQ AQLAAAAEID EEPVSKAKQS RSEKKARKAM SKLGLRQVTG VTRVTIRKSK NILFVITKPD VYKSPASDTY IVFGEAKIED LSQQAQLAAA EKFKVQGEAV SNIQENTQTP TVQEESEEEE VDETGVEVKD IELVMSQANV SRAKAVRALK NNSNDIVNAI MELTM

Precautions

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NACA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13765)