NACA Human

Description:NACA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 235 amino acids (1-215) and having a molecular mass of 25.5 kDa.NACA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

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 ME

Purity: Greater than 95% as determined by SDS-PAGE.

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

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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Catalog #:PRPS-981

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