

## 32-4279: Recombinant Human Nascent Polypeptide-Associated Complex Alpha

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

### Description

Source : E.coli. 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. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	The NACA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MPGEATETVP ATEQELPQPQ AETGSGTESD SDESVPPELEE QDSTQATTQQ AQLAAAAEID EEPVSKAKQS RSEKKARKAM SKLGLRQVTG VTRVTIRKSK NILFVITKPD VYKSPASDTY IVFGEAKIED LSQQAQLAAA EKFKVQGEAV SNIQENTQTP TVQEESEEEE VDETGVEVKD IELVMSQANV SRAKAVRALK NNSNDIVNAI MELTM

