

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
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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

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