

Nascent Polypeptide-Associated Complex Alpha Human Recombinant

Item Number	rAP-4510
Synonyms	Nascent polypeptide-associated complex alpha subunit, NACA1, NAC-alpha, alpha-NAC, Allergen Hom s 2.
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.
Uniprot Accesion Number	Q13765
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MPGEATETVP ATEQELPQPQ AETGSGTESD SDESVPLEEE QDSTQATTQQ AQLAAAAEID EEPVSKAKQS RSEKKARKAM SKLGLRQVTG VTRVTIRKSK NILFVITKPD VYKSPASDTY IVFGEAKIED LSQQAQLAAA EKFKVQGEAV SNIQENTQTP TVQEESEEEE VDETGVEVKD IELVMSQANV SRAKAVRALK NNSNDIVNAI MEL TM
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The NACA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**