

**NACA, 1-215 aa , Human, His tag E.coli**

**Cat.NO.: TP03081**

3th Edition

**Synonyms:**Nascent polypeptide-associated complex alpha subunit, HSD48, MGC117224, NACA1.

**Description:**NACA is member of the nascent polypeptide associated complex (NAC) alpha subunit family that participate in preventing inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). Most NACA proteins localize to both nucleus as well as cytoplasm, and contain NAC-A/B (NAC-alpha/beta) and UBA (ubiquitin-associated) domains. The UBA domain is associated with proteins involved in the ubiquitinproteasome pathway for protein degradation.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.

**Molecular Weight:**25.5 kDa (235aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMPGEATETVPATEQELPQPQAETGSGTESDSDESVPLEEQDSTQATTQQAQLA  
AAAEIDEEPVSKAKQSRSEKKARKAMSKLGLRQVTGVTRVTIRKSKNILFVITKPDVYKSPASDTYIVFGEAKIEDLSQ  
QAQLAAAEKFKVQGEAVSNIQENTQTPTVQEESEEEVEDETGVEVKDIELVMSQANVSRAKAVRALKNNSNDIVNAI  
MELTM

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by BCA)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.