

**NAA50, 1-169aa, Human, His tag, E.coli**

**Cat.NO.: TP03079**

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3th Edition

**Synonyms:**N-alpha-acetyltransferase 50, hNAT5, hSAN, MAK3, NAT13, NAT5, SAN.

**Description:**N-alpha-acetyltransferase 50, also known as NAA50, consist of 169 amino acid cytoplasmic protein belonging to the acetyltransferase family and GNAT subfamily. NAA50 is a probable catalytic component of the ARD1A-NARG1 complex which displays alpha acetyltransferase activity. NAA50 is also known to interact with MAK10 and is encoded by a gene that maps to human chromosome 3q13.2.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

**Molecular Weight:**21.9 kDa (193aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMKGSRIELGDVTPHNIKQLKRLNQVIFPVSYNDKIFYKDVLEVGEKAKLAYF  
NDIavgavccrVDHSQNQKRLYIMTLGCLAPYRRLGIGTKMLNHVLNICEKDGTFDNIYLHVQISNESAIIDFYRKFGF  
EIIETKKNYKRIEPADAHVLQKNLKVPSGQNADVQKTDN

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**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.