

N Alpha-Acetyltransferase 50, NatE Catalytic Subunit Human Recombi-

Item Number	rAP-1971
Synonyms	N-alpha-acetyltransferase 50, N-acetyltransferase 13, N-acetyltransferase 5, hNAT5, N-acetyltransferase san homolog, hSAN, NatE catalytic subunit, NAA50, MAK3, NAT13, NAT5, SAN.
Description	NAA50 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 193 amino acids (1-169) and having a molecular mass of 21.9kDa. NAA50 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9GZZ1
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMKGSRI ELGDVTPHNI KQLKRLNQVI FVSYNDKFY KDVLEVGE LA KLAYFNDAV GAVCCRVDHS QNQRKYIMT LGCLAPYRRL GIGTKMLNHV LNICEKDGTF DNIYLHVQIS NESAI DFYRK FGFEI IETKK NYKRIEPAD AHVLQKNLKV PSGQNADVQK TDN.
Source	Escherichia 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 NAA50 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% 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**