

NAA50 Human

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.

Catalog #: ENPS-431

For research use only.

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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMKGSRI ELGDVTPHNI
KQLKRLNQVI FVSYNDKFY KDVLEVGE LA KLAYFNDAV GAVCCRVDHS QNQKRLYIMT
LGCLAPYRRL GIGTKMLNHV LNICEKDGTF DNIYLVHQIS NESAI DFYRK FGFEI IETKK
NYYKRIEPAD AHVLQKNLKV PSGQNADVQK TDN.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The NAA50 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

N-alpha-acetyltransferase 50 (NAA50) consists of 169 amino acid cytoplasmic protein belonging to the acetyltransferase family and GNAT subfamily. NAA50 is a likely catalytic component of the ARD1A-NARG1 complex which displays alpha acetyltransferase activity. NAA50 has also been shown to interact with MAK10 and is encoded by a gene that maps to human chromosome 3q13.2.

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