

Recombinant Human NAA50, His-tagged

Cat. No. NAA50-1930H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAA50 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Molecular Mass	21.9 kDa (193aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMKGSRI ELGDVTPHNI KQLKRLNQVI FPVSYNDKFY KDVLEVGELA KLAYFNDAIV GAVCCRVDHSQNQKRLYIMT LGCLAPYRRL GIGTKMLNHV LNICEKDGTF DNIYLHVQIS NESAIIFYRK FGFEIETKK NYKRIEPAD AHVLQKNLKVPSGQNADVQK TDN
Purity	> 95% by SDS - PAGE
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.

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Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name NAA50 N(alpha)-acetyltransferase 50, NatE catalytic subunit [Homo sapiens (human)]

Official Symbol NAA50

Synonyms NAA50; N(alpha)-acetyltransferase 50, NatE catalytic subunit; SAN; MAK3; NAT5; hSAN; NAT13; hNAT5; Mak3 homolog (S. cerevisiae), N-acetyltransferase 13, N-acetyltransferase 13 (GCN5-related); FLJ13194; OTTHUMP00000214738; OTTHUMP00000214739; OTTHUMP00000214740; OTTHUMP00000214741; OTTHUMP00000214742; OTTHUMP00000214743; OTTHUMP00000214744; OTTHUMP00000214745; EC 2.3.1; NatE catalytic subunit; N-acetyltransferase san homolog; N-alpha-acetyltransferase50

Gene ID 80218

mRNA Refseq NM_025146

Protein Refseq NP_079422

MIM 610834

UniProt ID Q9GZZ1

Chromosome Location 3q13.2

Function protein binding; N-acetyltransferase activity; transferase activity, transferring acyl

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