

## Recombinant Human NAA50, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NAA50 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Molecular Mass</b>	21.9 kDa (193aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMMKGSRI ELGDVTPHNI KQLKRLNQVI FPVSYNDKIFY KDVLEVGELA KLAYFNDAIV GAVCCRVDHSQKRLYIMT LGCLAPYRRL GIGTKMLNHV LNICEKDGTF DNIYLHVQIS NESAIIFYRK FGFEIETKK NYYKRIEPAD AHVLQKNLKVPSGQNADVQK TDN
<b>Purity</b>	> 95% by SDS - PAGE
<b>Storage</b>	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; NatEcatalytic 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-acetyltransferaseactivity; transferase activity, transferring acyl

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