

Recombinant Human NAA50 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NAA50-4182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAA50 MS Standard C13 and N15-labeled recombinant protein (NP_079422) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NAA50 (N-Alpha-Acetyltransferase 50, NatE Catalytic Subunit) is a Protein Coding gene. Diseases associated with NAA50 include Ogden Syndrome and Neuropathy, Hereditary Sensory And Autonomic, Type Iia. Among its related pathways are Cytochrome P450 - arranged by substrate type. Gene Ontology (GO) annotations related to this gene include N-acetyltransferase activity and H4 histone acetyltransferase activity. An important paralog of this gene is NAA30.
Molecular Mass	19.4 kDa
AA Sequence	MKGSRIELGDVTPHNIQLKRLNQVIFPVSYNDKFYKDVLEVGE LAKLAYFN DIAVGA VCCRVDHSQNQKRLYIMTLGCLAPYRR LGIGTKMLNHVLNICEKDGTFDN IYLHVQIS NESAIDFYRKFGFEI IETKKNYYKRIEPADAHVLQKNLKVPSGQNADVQKTDNTRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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; MAK3, Mak3 homolog (S. cerevisiae), N acetyltransferase 13, N acetyltransferase 13 (GCN5 related), NAT13; N-alpha-acetyltransferase 50; FLJ13194; NAT5; San; Mak3 homolog; separation anxiety; N-acetyltransferase 5; natE catalytic subunit; N-acetyltransferase san homolog; N-acetyltransferase 13 (GCN5-related); N-alpha-acetyltransferase 50, NatE catalytic subunit; SAN; MAK3; hSAN; NAT13; hNAT5;

Gene ID 80218

mRNA Refseq NM_025146

Protein Refseq NP_079422

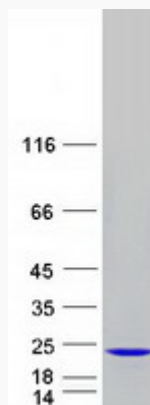
MIM 610834

UniProt ID Q9GZZ1

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SDS-PAGE

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