

# Recombinant Full Length Human NAA50 Protein, C-Flag-tagged

Cat. No. NAA50-1208HFL    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human NAA50 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	Enables H4 histone acetyltransferase activity; peptide alpha-N-acetyltransferase activity; and peptidyl-lysine acetyltransferase activity. Involved in N-terminal protein amino acid acetylation; establishment of mitotic sister chromatid cohesion; and mitotic sister chromatid cohesion, centromeric. Located in cytosol and nucleus. Part of NatA complex.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	19.2 kDa
<b>AA Sequence</b>	MKGSRIELGDVTPHNIKQLKRLNQVIFPVSYNDFYKDVLEVGE LAKLAYFN DIAVGA VCCRVDHSQNQK RLYIMTLGCLAPYRRLGIGTKMLNHVLNICEKDGTFDNIYLVHVI SNESAIDFYRKFGFEIIEETKKNYYK RIEPADAHVLQKNLKVPSGQNADVQKTDNTRTRPLEQKLISEEDLAANDILDYKDDD DKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	NAA50 N-alpha-acetyltransferase 50, NatE catalytic subunit [ Homo sapiens (human) ]
<b>Official Symbol</b>	NAA50
<b>Synonyms</b>	SAN; MAK3; NAT5; NAT13; NAT5P; NAT13P; hNaa50p
<b>Gene ID</b>	80218
<b>mRNA Refseq</b>	NM_025146.4
<b>Protein Refseq</b>	NP_079422.1
<b>MIM</b>	610834
<b>UniProt ID</b>	Q9GZZ1

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