

Recombinant Human NAA50 293 Cell Lysate

Cat. No. NAA50-3991HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for N(alpha)-acetyltransferase 50, NatE catalytic subunit (NAA50) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	NAA50 N(alpha)-acetyltransferase 50, NatE catalytic subunit [Homo sapiens]
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
Chromosome Location	3q13.31
Function	N-acetyltransferase activity; protein binding; transferase activity, transferring acyl groups;

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