Recombinant Human NAA20 293 Cell Lysate

Cat. No. NAA20-3993HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for N(alpha)-acetyltransferase 20, NatB catalytic subunit (NAA20), transcript variant 1 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.

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

GENE INFORMATION

Gene Name	NAA20 N(alpha)-acetyltransferase 20, NatB catalytic subunit [Homo sapiens]
Official Symbol	NAA20
Synonyms	NAA20; N(alpha)-acetyltransferase 20, NatB catalytic subunit; N acetyltransferase 5 , N acetyltransferase 5 (ARD1 homolog, S. cerevisiae) , N acetyltransferase 5 (GCN5 related, putative) , N acetyltransferase 5, ARD1 subunit (arrest defective 1, S. cerevisiae, homolog) , NAT5; N-alpha-acetyltransferase 20; dJ1002M8.1; N acetyltransferase 3 homolog (S. cerevisiae); NAT3; natB catalytic subunit; natB complex subunit NAT5; N-acetyltransferase 3 homolog; N-acetyltransferase 5 (GCN5-related, putative); N-terminal acetyltransferase complex ARD1 subunit; N-acetyltransferase 5 (ARD1 homolog, S. cerevisiae); N-alpha-acetyltransferase 20, NatB catalytic subunit; N-terminal acetyltransferase B complex catalytic subunit NAT5; N-terminal acetyltransferase B complex catalytic subunit NAA20; N-acetyltransferase 5, ARD1 subunit (arrest-defective 1, S. cerevisiae, homolog); NAT5;
Gene ID	51126
mRNA Refseq	NM_016100
Protein Refseq	NP_057184
MIM	610833
UniProt ID	P61599

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Chromosome Location	20p11.23
Function	N-acetyltransferase activity; peptide alpha-N-acetyltransferase activity; transferase activity, transferring acyl groups;

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