

Recombinant Human K(lysine) Acetyltransferase 2A, His-tagged

Cat. No. KAT2A-2129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KAT2A produced in <i>SF21</i> cells fused to a His-tag.
Species	Human
Source	Insect Cells
Description	Histone acetyltransferase KAT2A is an enzyme that in humans is encoded by the KAT2A gene. GCN5L2 has been shown to interact with Ku70, TAF9, Transcription initiation protein SPT3 homolog, TADA2L, Ku80 and DDB1.
Source/Host	SF21 cells.
Purity	≥95% (SDS-PAGE).
Concentration	0.5mg/ml.
Formulation	Liquid. In 50mM TRIS-HCl, pH 7.5, containing 100mM sodium chloride, 0.2% NP-40, 50mM imidazole and 10% glycerol.
Specific Activity	~200-300ng are required for standard HAT assay.
Short Term Storage	-80°C.
Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store in liquid nitrogen.

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GENE INFORMATION

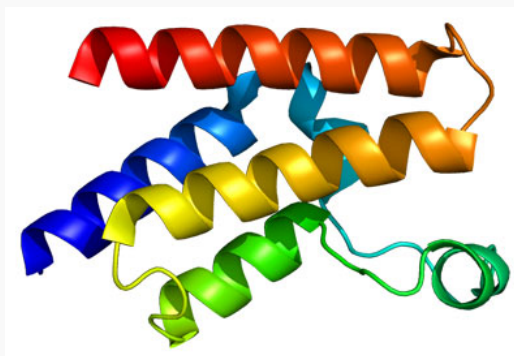
Gene Name	KAT2A K(lysine) acetyltransferase 2A [Homo sapiens]
Synonyms	K(lysine) acetyltransferase 2A; GCN5; hGCN5; GCN5L2; PCAF-b; MGC102791; KAT2A; histone acetyltransferase KAT2A; STAF97; hsGCN5; lysine acetyltransferase 2A; histone acetyltransferase GCN5; general control of amino acid synthesis protein 5-like 2; General control of amino acid synthesis, yeast, homolog-like 2; GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2;GCN5 general control of amino-acid synthesis 5-like 2 (yeast); Lysine acetyltransferase 2A; Histone acetyltransferase GCN5; EC 2.3.1.48
Gene ID	2648
mRNA Refseq	NM_021078
Protein Refseq	NP_066564
MIM	602301
UniProt ID	Q92830
Chromosome Location	17q21
Pathway	Notch signaling pathway; Gene Expression
Function	histone acetyltransferase activity; N-acetyltransferase activity; histone deacetylase binding; protein binding; transcription coactivator activity; transferase activity

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