

KAT2A recombinant protein

KAT2A (GCN5), Active

CATALOG #
AAA72996

HOST
Sf9 insect cells using baculovirus

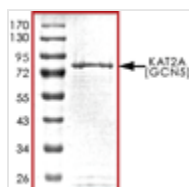
PRODUCT SYNONYMS

KAT2A; KAT2A (GCN5); Active; KAT2A recombinant protein

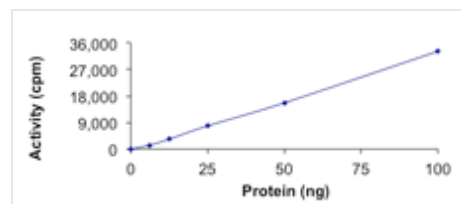
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	323-end
Sequence Length	3127
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for KAT2A recombinant protein

Description: Recombinant human KAT2A (GCN5) (323-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

Scientific Background: KAT2A (K (lysine) acetyltransferase 2A) is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator which functions as a repressor of NF-kappa-B by promoting ubiquitination of the NF-kappa-B subunit RELA in a HAT-independent manner (1). KAT2A control chromosome stability by coordinating the ATR checkpoint and double-strand break processing with autophagy. KAT2A acetyltransferases have homologous sequences and enzymatic activities which are important for recognition of nucleosomal substrates (2).

Product Categories/Family for KAT2A recombinant protein

[Enzymes](#); [Active Acetyltransferases](#)

References	1. Mao, X. et.al: GCN5 is a required cofactor for a ubiquitin ligase that targets NF-kappa-B/RelA. Genes Dev. 23: 849-861, 2009. 2. Xu, W. et.al: Mammalian GCN5 and P/CAF acetyltransferases have homologous amino-terminal domains important for recognition of nucleosomal substrates. Molec. Cell. Biol. 18: 5659-5669, 1998.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153791534
NCBI GeneID	2648
NCBI Accession #	NM_021078.2
NCBI GenBank Nucleotide #	NM_021078
UniProt Accession #	Q92830; Q8N1A2; Q9UCW1
Molecular Weight	~82 kDa
NCBI Official Full Name	Homo sapiens lysine acetyltransferase 2A (KAT2A), mRNA
NCBI Official Synonym Full Names	lysine acetyltransferase 2A
NCBI Official Symbol	KAT2A
NCBI Official Synonym Symbols	GCN5; hGCN5; GCN5L2; PCAF-b
NCBI Protein Information	histone acetyltransferase KAT2A
UniProt Protein Name	Histone acetyltransferase KAT2A
UniProt Gene Name	KAT2A
UniProt Synonym Gene Names	GCN5; GCN5L2; HGCN5; HsGCN5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/kat2a-recombinant-protein-sf9-insect-cells-using-baculovirus/72996>