

KAT2B recombinant protein

KAT2B (PCAF), Active

CATALOG #
AAA72995

HOST
Sf9 insect cells using baculovirus

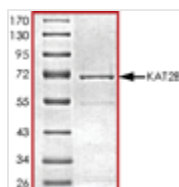
PRODUCT SYNONYMS

KAT2B; KAT2B (PCAF); Active; KAT2B recombinant protein

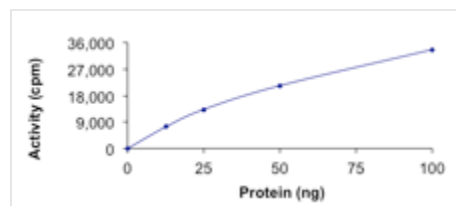
PRODUCT SPECIFICATIONS

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	431-end
Sequence Length	4824
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 KAT2B recombinant protein

Description: Recombinant human KAT2B (PCAF) (431-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

Scientific Background: KAT2B (also known as PCAF) is a transcription cofactor with a histone acetyltransferase (HAT) activity. KAT2B protein associates with p300/CBP which is a large nuclear protein that bind to many sequence-specific factors that are involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A (1). KAT2B has histone acetyl transferase activity with core histones and nucleosome core particles indicating that KAT2B plays a direct role in transcriptional regulation (2). PCAF functions as a coordinating factor in the regulation of HIF1A-mediated apoptosis and p53-dependent cell cycle progression.

Product Categories/Family for KAT2B recombinant protein

Enzymes; Active Acetyltransferases

References	1. Yang, X.-J. et.al: A p300/CBP-associated factor that competes with the adenoviral oncoprotein E1A. Nature 382: 319-324, 1996. 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 #	156071487
NCBI GeneID	8850
NCBI Accession #	NM_003884.4
NCBI GenBank Nucleotide #	NM_003884
UniProt Accession #	Q92831; Q6NSK1
Molecular Weight	~70 kDa
NCBI Official Full Name	Homo sapiens lysine acetyltransferase 2B (KAT2B), mRNA
NCBI Official Synonym Full Names	lysine acetyltransferase 2B
NCBI Official Symbol	KAT2B
NCBI Official Synonym Symbols	CAF; PCAF; P/CAF
NCBI Protein Information	histone acetyltransferase KAT2B
UniProt Protein Name	Histone acetyltransferase KAT2B
UniProt Gene Name	KAT2B
UniProt Synonym Gene Names	PCAF; Histone acetylase PCAF; P/CAF

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://www.aaabiotech.com/kat2b-recombinant-protein-sf9/72995>