

# Active Recombinant Full Length Human KAT2B Protein, His-tagged

Cat. No. KAT2B-3068H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human KAT2B is expressed in <i>baculovirus</i> system and purified by an affinity column in combination with FPLC chromatography. Molecular Weight: 91 kDa.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	P300/CBP-associated factor (PCAF), also known as K(lysine) acetyltransferase 2B (KAT2B), is a human gene and transcriptional coactivator associated with p53.
<b>Reagents Supplied</b>	1x dilution buffer A: 20 mM Tris-Cl (pH 8.0), 20% Glycerol, 100 mM KCl, 0.2 mM EDTA and 1mM DTT.
<b>Quality Control</b>	The purified protein is greater than 95% homogeneous and contains no detectable proteases, DNase and RNase activity.
<b>Activity</b>	1 unit equals 1 nanogram of purified protein. 1-5 units are sufficient for a gel mobility shift assay in a 20µl reaction; 50-100 units are sufficient for reconstituted transcription assay and 100-200 units are sufficient for a protein-protein interaction assay or an acetylation assay.
<b>Application</b>	Recombinant PCAF can be used 1) for protein-protein interaction assay; 2) for in vitro transcription assay; 3) for in vitro acetylation assay; and 4) for cell growth assay.

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**Storage Conditions**      Store at -80°C.

## GENE INFORMATION

**Gene Name**                      KAT2B K(lysine) acetyltransferase 2B [ Homo sapiens ]

**Synonyms**                      KAT2B; K(lysine) acetyltransferase 2B; P; CAF; PCAF; P/CAF; CREBBP-associated factor; p300/CBP-associated factor; Histone acetyltransferase KAT2B; EC 2.3.1.48; Lysine acetyltransferase 2B; Histone acetylase PCAF; P300/CBP-associated factor; P/CAF; GCN5; GCN5L

**Gene ID**                              8850

**mRNA Refseq**                      NM\_003884

**Protein Refseq**                      NP\_003875

**MIM**                                      602303

**UniProt ID**                              Q92831

**Pathway**                              Notch signaling pathway; Gene Expression; Transcription

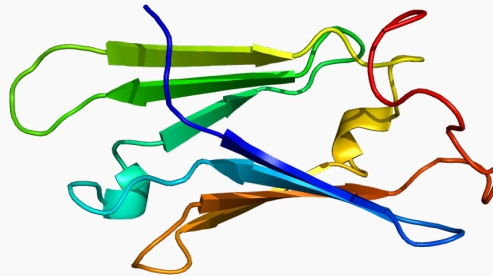
**Function**                              histone acetyltransferase activity; histone deacetylase binding; transcription coactivator activity; transferase activity

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