

Active Recombinant Full Length Human KAT2B Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
Description	P300/CBP-associated factor (PCAF), also known as K(lysine) acetyltransferase 2B (KAT2B), is a human gene and transcriptional coactivator associated with p53.
Reagents Supplied	1x dilution buffer A: 20 mM Tris-Cl (pH 8.0), 20% Glycerol, 100 mM KCl, 0.2 mM EDTA and 1mM DTT.
Quality Control	The purified protein is greater than 95% homogeneous and contains no detectable proteases, DNase and RNase activity.
Activity	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.
Application	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

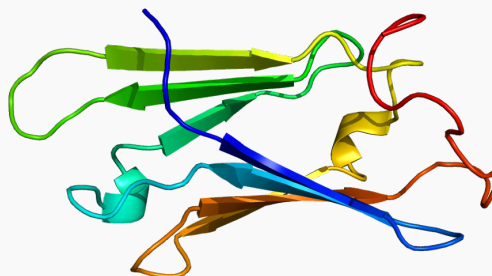
Function histone acetyltransferase activity; histone deacetylase binding; transcription coactivator activity; transferase activity

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