

Recombinant Human KAT2B Protein, His-tagged

Cat. No. KAT2B-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KAT2B fused with His tag was produced in Insect cells.
Species	Human
Source	Insect Cells
Description	CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with CBP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation.
Form	50mMTris-HCl, pH 8.0, 250mMNaCl
Molecular Mass	100KDa
AA sequence	MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAGGSGACG PATAVAAAGTAEGPGGGGSARIAVKKAQLRSAPRAKKLEKLGVSACKAEESCKCN GWKNPNPSPTPPRADLQQIIVSLTESCRSCSHALAAHVSHLENVSEEEEMNRLLGIVL DVEYLFTCVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSLEKKPPFEKPSIEQG VNNFVQYKFSHLPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKEN YTRWLCYCNVPQFCDSLPRYETTQVFGRTLRSVFTVMRRQLLEQARQEKKDLPLE KRTLILTHFPKFLSMLEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISY

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NSTSSSLEQPNAGSSSPACKASSGLEANPGEKRKMTDSHVLEEAKKPRVMGDIPM
 ELINEVMSTITDPAAMLGPETNFLSAHSARDEAARLEERRGVIEFHVVGNSLNQKPN
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 EIKIPKTKYVGYIKDYEGATLMGCELNPRIPYTEFSVIKKQKEIKKLIERKQAQIRKVY
 PGLSCFKDGVRRQPIESIPGIRETGWKPSGKEKSKEPRDPDQLYSTLKSILQQVKSHQ
 SAWPFMEPVKRTEAPGYEYVIRFPMDLKTMSERLKNRYVVSKKLFMADLQRVFTNC
 KEYNPPESEYYKCANILEKFFFSKIKEAGLIDK

Purity >90% as determined by SDS-PAGE

Storage Short Term Storage at +4 centigrade, Long Term Storage at -20 centigrade to -80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

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

Official Symbol KAT2B

Synonyms KAT2B; K(lysine) acetyltransferase 2B; p300/CBP associated factor , PCAF; histone acetyltransferase KAT2B; GCN5; GCN5L; P/CAF; histone acetylase PCAF; CREBBP-associated factor; p300/CBP-associated factor; lysine acetyltransferase 2B; histone acetyltransferase PCAF; P; CAF; PCAF;

Gene ID 8850

mRNA Refseq NM_003884

Protein Refseq NP_003875

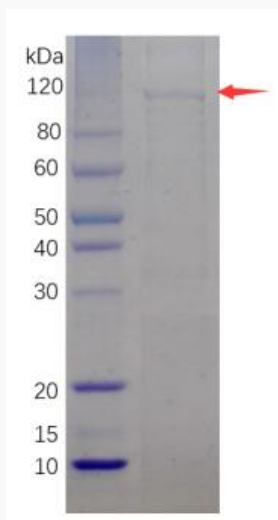
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MIM 602303

UniProt ID Q92831



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