

Recombinant Full Length Human KAT2B Protein, GST-tagged

Cat. No. KAT2B-697HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human KAT2B(1 a.a. - 832 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	832 amino acids
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	51.4 kDa
AA Sequence	MSEAGGAGPG GCGAGAGAGA GPGALPPQPA ALPPAPPQGS PCAAAGGSG ACGPATAVAA AGTAEGPGGG GSARIAVKKA QLRSAPRAKK LEKLGVYSAC KAEESCKCNG WKNPNPSPTP PRADLQQIIV SLTESCRSCS HALAAHVSHL ENVSEEMNR LLGIVLDVEY LFTCVHKEED ADTKQVYFYFYL FKLLRKSILQ

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RGKPVVEGSL EKKPPFEKPS IEQGVNNFVQ YKFSHLPAGE RQTIVELAKM
 FLNRINYWHL EAPSQRRLRS PNDDISGYKE NYTRWLCYCN VPQFCDSLPR
 YETTQVFGRT LLRSVFTVMR RQLLEQARQE KDKLPLEKRT LILTHFPKFL
 SMLEEEVYSQ NSPIWDQDFL SASSRTSQLG IQTVINPPPV AGTISYNSTS
 SSLEQPNAGS SSPACKASSG LEANPGEKPK MTDSHVLEEA KKPRVMGDIP
 MELINEVMST ITDPAAMLGP ETNFLSAHSA RDEAARLEER RGVIEFHVVG
 NSLNQKPNKK ILMWLVLQN VFSHQLPRMP KEYITRLVFD PKHKTALIK
 DGRVIGGICF RMFPSQGFTE IVFCAVTSNE QVKGYGTHLM NHLKEYHIKH
 DILNFLTYAD EYAIGYFKKQ GFSKEIKIPK TKYVGYIKDY EGATLMGCEL
 NPRIPYTEFS VIIKKQKEII KKLIERKQAQ IRKVYPGLSC FKDGVRQIPI ESIPGIRETG
 WKPSGKEKSK EPRDPDQLYS TLKSILQQVK SHQSAWPFME PVKRTEAPGY
 YEVIRFPMDL KTMERLKNR YYVSKKLFMA DLQRVFTNCK EYNPPESEYY
 KCANILEKFF FSKIKEAGLI DK

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

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Gene ID	8850
mRNA Refseq	NM_003884
Protein Refseq	NP_003875
MIM	602303
UniProt ID	Q92831

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