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 PCAAAAGGSG ACGPATAVAA AGTAEGPGGG GSARIAVKKA QLRSAPRAKK LEKLGVYSAC KAEESCKCNG WKNPNPSPTP PRADLQQIIV SLTESCRSCS HALAAHVSHL ENVSEEEMNR LLGIVLDVEY LFTCVHKEED ADTKQVYFYL FKLLRKSILQ

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	RGKPVVEGSL EKKPPFEKPS IEQGVNNFVQ YKFSHLPAKE RQTIVELAKM FLNRINYWHL EAPSQRRLRS PNDDISGYKE NYTRWLCYCN VPQFCDSLPR YETTQVFGRT LLRSVFTVMR RQLLEQARQE KDKLPLEKRT LILTHFPKFL SMLEEEVYSQ NSPIWDQDFL SASSRTSQLG IQTVINPPPV AGTISYNSTS SSLEQPNAGS SSPACKASSG LEANPGEKRK MTDSHVLEEA KKPRVMGDIP MELINEVMST ITDPAAMLGP ETNFLSAHSA RDEAARLEER RGVIEFHVVG NSLNQKPNKK ILMWLVGLQN VFSHQLPRMP KEYITRLVFD PKHKTLALIK DGRVIGGICF RMFPSQGFTE IVFCAVTSNE QVKGYGTHLM NHLKEYHIKH DILNFLTYAD EYAIGYFKKQ GFSKEIKIPK TKYVGYIKDY EGATLMGCEL NPRIPYTEFS VIIKKQKEII KKLIERKQAQ IRKVYPGLSC FKDGVRQIPI ESIPGIRETG WKPSGKEKSK EPRDPDQLYS TLKSILQQVK SHQSAWPFME PVKRTEAPGY YEVIRFPMDL KTMSERLKNR 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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