

Recombinant Human KAT2B Protein, His-tagged

Cat. No. KAT2B-8485H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KAT2B Protein(NP_003875.3), fused to His-tag, was expressed in HEK293.
Species	Human
Source	HEK293
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	Supplied as a 0.2 µm filtered solution in PBS, pH 7.4
Molecular Mass	~ 95 kDa, reducing condition.
AA Sequence	MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAAGGSGACG PATAVAAAGTAEGPGGGGSARIAVKKAQLRSAPRAKKLEKLGVSACKAEESCKCN GWKNPNPSPTPPRADLQQIIVSLTESCRSCSHALAAHVSHLENVSEEEMNRLLGIVL DVEYLFTCVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSLEKKPPFEKPSIEQG VNNFVQYKFSHLPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKEN YTRWLCYCNVPQFCDSLPRYETTQVFGRTLRSVFTVMRRQLLEQARQEKKLPLE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KRTLILTHFPKFLSMLEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISY
 NSTSSSLEQPNAGSSSPACKASSGLEANPGEKRMKMTDSHVLEEAKKPRVMGDIPM
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 GFTEIVFCAVTSNEQVKGYGTHLMNHLKEYHIKHDILNFLTAYADEYAIGYFKKQGFSK
 EIKIPKTKYVGYIKDYEGATLMGCELNPRIPYTEFSVIKKQKEIKKLIERKQAQIRKVV
 PGLSCFKDGVQRPIESIPGIRETGWKPSGKEKSKEPRDPDQLYSTLKSILQQVKSHQ
 SAWPFMEPVKRTEAPGYEVIRFPMDLKTMSERLKNRYVVSKKLFMADLQRVFTNC
 KEYNPPPESEYYKCANILEKFFFSKIKEAGLIDKHHHHHHHHHHH

Endotoxin	Less than 1.0 EU per ug by the LAL method
Purity	>80%, by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.1 mg/ml

GENE INFORMATION

Gene Name	KAT2B lysine acetyltransferase 2B [Homo sapiens (human)]
Official Symbol	KAT2B
Synonyms	CAF; PCAF; P/CAF
Gene ID	8850
mRNA Refseq	NM_003884.5

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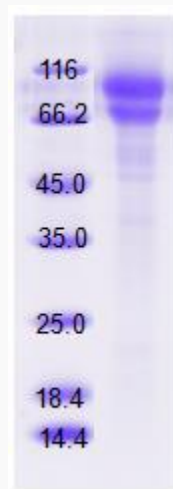
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Protein Refseq NP_003875.3

MIM 602303

UniProt ID Q92831

**SDS-PAGE of
KAT2B-8485H**



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