

Product datasheet for TP309821L

KAT2B (NM_003884) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human K(lysine) acetyltransferase 2B (KAT2B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209821 representing NM_003884 Red=Cloning site Green=Tags(s)

MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAGGSGACGPATAVAAAGTAEGPGGG
GSARIAVKKAQLRSAPRAKKLEKLGVSACKAEESCKCNGWKNPNPSPTPPRADLQIIVSLTESCRSCS
HALAAHVSHLENVSEEMNRLLGIVLDVEYLFCTVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSL
EKKPPFEKPSIEQGVNMFVQYKFSHLPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKE
NYTRWLCYCNVPQFCDSLPRYETTQVFGRTLRSVFTVMRRQLLEQARQEKDPLPLEKRTLILTHFPKFL
SMLEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSG
LEANPGEKRRKMTDHSVLEEAKKPRVMGDIPMELINEVMSTITDPAAMLGPETNFLSAHSARDEAARLEER
RGVIEFHVVGNSLNQKPNKKILMWLVGLQNVFSHQLPMPKEYITRLVDFPKHKTALIKDGRVIGGICF
RMFPSQGFEIVFCAVTSNEQVKGYGTHLMNHLKEYHIKHDLNFLTAYADEYAIGYFKKQGFSGEIKIPK
TKYVGYIKDYEGATLMGCELNPRIPYTEFSVIKKQKEIHKKLIERKQAQIRKVYPGLSCFKDGVQRQPI
ESIPGIRETGWKPSPGKEKSKEPRDPDQLYSTLKSILQVVKSHQSAWPFMEPVKRTEAPGYEVIRFPMDL
KTMSERLKNRYVSKKLFMADLQRVFTNCKEYNPPESEYYKCANILEKFFFSKIKEAGLIDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

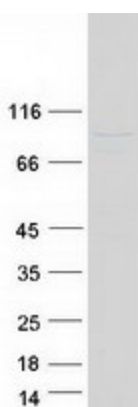
Tag:	C-Myc/DDK
Predicted MW:	92.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003875
Locus ID:	8850
UniProt ID:	Q92831
RefSeq Size:	4838
Cytogenetics:	3p24.3
RefSeq ORF:	2496
Synonyms:	CAF; P/CAF; PCAF
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Notch signaling pathway

Product images:



Coomassie blue staining of purified KAT2B protein (Cat# [TP309821]). The protein was produced from HEK293T cells transfected with KAT2B cDNA clone (Cat# [RC209821]) using MegaTran 2.0 (Cat# [TT210002]).