

## Product datasheet for TP309821M

### KAT2B (NM\_003884) Human Recombinant Protein

#### Product data:

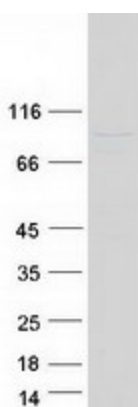
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human K(lysine) acetyltransferase 2B (KAT2B), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC209821 representing NM_003884 Red=Cloning site Green=Tags(s)
	<p>MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAGGSGACGPATAVAAAGTAEGPGGG            GSARIAVKKAQLRSAPRAKKLEKLGVSACKAEESCKCNGWKNPNPSPTPPRADLQIIVSLTESCRSCS            HALAAHVSHLENVSEEMNRLLGIVLDVEYLFCTVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSL            EKKPPFEKPSIEQGVNNFVQYKFSHLPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKE            NYTRWLCYCNVPQFCDSLPRYETTQVFGRTLLRSVFTVMRRQLLEQARQEKDKLPLEKRTLILTHFPKFL            SMLEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSG            LEANPGEKRRKMTDSHVLEEAKKPRVMGDIPMELINEVMSTITDPAAMLGPETNFLSAHSARDEAARLEER            RGVIEFHVVGNSLNQKPNKKILMWLVGLQNVFSHQLPMPKEYITRLVDFPKHKTALAIKDGRVIGGICF            RMFPSQGFEIVFCAVTSNEQVKGYGTHLMNHLKEYHIKHDLNFLTAYADEYAIGYFKKQGFSGEIKIPK            TKYVGYIKDYEGATLMGCELNPRIPYTEFSVIKKQKEIHKKLIERKQAQIRKVYPGLSCFKDGVQRQPI            ESIPGIRETGWKPSPGKEKSKEPRDPDQLYSTLKSILQVVKSHQSAWPFMEPVKRTEAPGYEVIRFPMDL            KTMSERLKNRYVSKKLFMADLQRVFTNCKEYNPPESEYYKCANILEKFFFSKIKEAGLIDK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	92.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003875</a>
<b>Locus ID:</b>	8850
<b>UniProt ID:</b>	<a href="#">Q92831</a>
<b>RefSeq Size:</b>	4838
<b>Cytogenetics:</b>	3p24.3
<b>RefSeq ORF:</b>	2496
<b>Synonyms:</b>	CAF; P/CAF; PCAF
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Protein Pathways:</b>	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]).