

Product datasheet for PH309821

KAT2B (NM_003884) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KAT2B MS Standard C13 and N15-labeled recombinant protein (NP_003875)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209821
Predicted MW:	92.8 kDa
Protein Sequence:	>RC209821 representing NM_003884 Red=Cloning site Green=Tags(s)

MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAAGSGACGPATAVAAGTAEGPGGG
GSARIAVKKAQLRSAPRAKKLEKLGVYSACKAEESCKCNGWKNPNPSPPTPRADLQQIIVSLTESCRSCS
HALAAHVSHLENVSEEMNRLLGIVLDVEYLFVCVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSL
EKKPPFEKPSIEQGVNMFVQYKFSHLPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKE
NYTRWLCYCNVPQFCDSLPRYETTQVFGRTLLRSVFTVMRRQLLEQARQEKKLPLEKRTLILTHFPKFL
SMLEEEVYSQNSPIWDQDFLSASSRSQLGIQTVINPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSG
LEANPGEKRKMTDSHVLEEAKKPRVMGDIPMELINEVMSTITDPAAMLGPETNFLSAHSARDEAARLEER
RGVIEFHVVGNLSNQKPNKKILMVLQNVFVSHQLPRMPKEYITRLVFDPKHKTALIKDGRVIGGICF
RMFPSQGFTEIVFCAVTSNEQVKGYGTHLMNHLKEYHIKHDLNFLTAYADEYAIQYFKKQGFKEIKIPK
TKYVGYIKDYEGATLMGCELNPRIPYTEFSVVIKKQKEIKKLIERKQAQIRKVYPGLSCFKDGVQIPI
ESIPGIRETGWPKSGKEKSKEPRDPDQLYSTLKSILQQVKSHQSAWPFMEPVKRTEAPGYEVIRFPMDL
KTMSERLKNRYVSKKLFMADLQRVFTNCKEYNPPESEYKCANILEKFFFSKIKEAGLIDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003875



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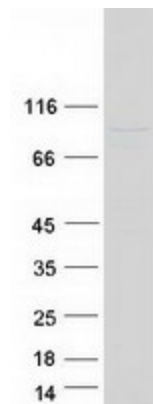
RefSeq Size:	4838
RefSeq ORF:	2496
Synonyms:	CAF; P/CAF; PCAF
Locus ID:	8850
UniProt ID:	Q92831
Cytogenetics:	3p24.3

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]).