

## Recombinant Human KAT2B Protein, His-tagged

**Cat. No.** KAT2B-152H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KAT2B fused with His tag was produced in Insect cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</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. |
| <b>Form</b>             | 50mMTris-HCl, pH 8.0, 250mMNaCl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 100KDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA sequence</b>      | MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAAGGSGACG<br>PATAVAAAGTAEGPGGGGSARIAVKKAQLRSAPRAKKLEKLGVSACKAEESCKCN<br>GWKNPNPSPTPPRADLQQIIVSLTESCRSCSHALAAHVSHLENVSEEEMNRLLGIVL<br>DVEYLFTCVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSLEKKPPFEKPSIEQG<br>VNNFVQYKFSHLPAKERQTIVELAKMFLNRINYWHLEAPSQRRLRSPNDDISGYKEN<br>YTRWLCYCNVPQFCDSLPRYETTQVFGRTLRSVFTVMRRQLLEQARQEKKLPLE<br>KRTLILTHFPKFLSMLEEEVYSQNSPIWDQDFLSASSRTSQLGIQTVINPPPVAGTISY                                                                                                                    |

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NSTSSSLEQPNAGSSSPACKASSGLEANPGEKRKMTDSHVLEEAKKPRVMGDIPM  
ELINEVMSTITDPAAMLGPETNFLSAHSARDEAARLEERRGVIEFHVVGNSLNQKPN  
KKILMWLVGLQNVFSHQLPRMPKEYITRLVFDPKHKTALIKDGRVIGGICFRMFPSQ  
GFTEIVFCAVTSNEQVKGYGTHLMNHLKEYHIKHDILNFLTAYADEYAIGYFKKQGFSK  
EIKIPKTKYVGYIKDYEGATLMGCELNPRIPYTEFSVIAKKQKEIKKLIERKQAQIRKVY  
PGLSCFKDGVRRQPIESIPGIRETGWKPSGKEKSKEPRDPDQLYSTLKSILQQVKSHQ  
SAWPFMEPVKRTEAPGYEYVIRFPMDLKTMSERLKNRYVVSKKLFMADLQRVFTNC  
KEYNPPESEYYKCANILEKFFFSKIKEAGLIDK

**Purity** >90% as determined by SDS-PAGE

**Storage** Short Term Storage at +4 centigrade, Long Term Storage at -20 centigrade to -80 centigrade. Avoid freeze/thaw cycles.

## 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;

**Gene ID** 8850

**mRNA Refseq** NM\_003884

**Protein Refseq** NP\_003875

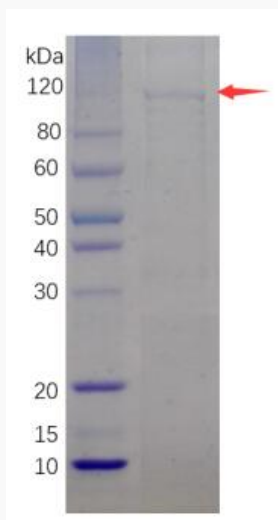
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MIM 602303

UniProt ID Q92831



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