

Full-Length

KAT2B (Human) Recombinant Protein (P01)

Catalog # H00008850-P01

Size 50 ug

Specification

Product Description

Human KAT2B full-length ORF (AAH60823.1, 1 a.a. - 832 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAAGGSGACGPATAVAAA
GTAEGPGGGGSARIAVKKAQLRSAPRAKLEKLGVSACKAEESCKCNGWKNPNPSPTPPRAD
LQQIIVSLTESCRSCSHALAAHVSHLENVSEEE MNRLLGVL DVEYLF TCVHKEEDADTKQVYFYL
KLLRKSILQRGKPVVEGSLEKKPPFEKPSIEQGVNNFVQYKFSLPAKERQTIVELAKMFLNRIN
WHLEAPSQRRLRSPNDDISGYKENYTRWLCYCNVPQFCDSLPRYETTQVFGRTLRSVFTVMRR
QLLEQARQEKDKLPLEKRTLILTHFPKFLSMLEEEVYSQNSPMDQDFLSASSRTSQLGIQTVINPP
PVAGTISYNSTSSSLEQPNAGSSSPACKASSGLEANPGEKRMKTD SHVLEEAKKPRVMGDIPME
LINEVMSTITDPAAMLGPETNFLSAHSARDEAARLEERRGVIEFHVVGNSLNQKPNKKILMWLVGL
QNVFSHQLPRMPKEYITRLVFDPKHKTALIKDGRVIGGICFRMFPSQGFTEIVFCVTSNEQVKGY
GTHLMNHLKEYHIKHDILNFLTAYADEYAIGYFKKQGFSGEIKIPKTKYVGYKDYEGATLMGCELNPRIP
YTEFSVIIKKQKEIKKLIERKQAQIRKVYPGLSCFKDGVRIPIESIPGIRETGWKPSGKEKSKEPRDP
DQLYSTLKSILQQVKSHQSAWPFMEPVKRTEAPGYEVIRFPMDLKTMSERLKNRYVYSKKLFMA
DLQRVFTNCKEYNPPESEYYKCANILEKFFFSKIKEAGLIDK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

117.92

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KAT2B

Entrez GeneID [8850](#)

GeneBank Accession# [BC060823.1](#)

Protein Accession# [AAH60823.1](#)

Gene Name KAT2B

Gene Alias CAF, P, P/CAF, PCAF

Gene Description K(lysine) acetyltransferase 2B

Omim ID [602303](#)

Gene Ontology [Hyperlink](#)

Gene 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 C BP 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]

Other Designations CREBBP-associated factor|p300/CBP-associated factor

Pathway

- [Notch signaling pathway](#)

Disease

- [Asthma](#)
- [Breast Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)