Recombinant Full Length Human KAT2A Protein, GST-tagged

Cat. No. KAT2A-679HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human KAT2A(1 a.a. - 837 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	837 amino acids
Description	KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	118.47 kDa
AA Sequence	MAEPSQAPTP APAAQPRPLQ SPAPAPTPTP APSPASAPIP TPTPAPAPAP AAAPAGSTGT GGPGVGSGGA GSGGDPARPG LSQQQRASQR KAQVRGLPRA KKLEKLGVFS ACKANETCKC NGWKNPKPPT APRMDLQQPA ANLSELCRSC EHPLADHVSH LENVSEDEIN RLLGMVVDVE NLFMSVHKEE DTDTKQVYFY LFKLLRKCIL QMTRPVVEGS LGSPPFEKPN IEQGVLNFVQ YKFSHLAPRE RQTMFELSKM FLLCLNYWKL ETPAQFRQRS QAEDVATYKV NYTRWLCYCH VPQSCDSLPR YETTHVFGRS LLRSIFTVTR RQLLEKFRVE KDKLVPEKRT

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	LILTHFPKFL SMLEEEIYGA NSPIWESGFT MPPSEGTQLV PRPASVSAAV VPSTPIFSPS MGGGSNSSLS LDSAGAEPMP GEKRTLPENL TLEDAKRLRV MGDIPMELVN EVMLTITDPA AMLGPETSLL SANAARDETA RLEERRGIIE FHVIGNSLTP KANRRVLLWL VGLQNVFSHQ LPRMPKEYIA RLVFDPKHKT LALIKDGRVI GGICFRMFPT QGFTEIVFCA VTSNEQVKGY GTHLMNHLKE YHIKHNILYF LTYADEYAIG YFKKQGFSKD IKVPKSRYLG YIKDYEGATL MECELNPRIP YTELSHIIKK QKEIIKKLIE RKQAQIRKVY PGLSCFKEGV RQIPVESVPG IRETGWKPLG KEKGKELKDP DQLYTTLKNL LAQIKSHPSA WPFMEPVKKS EAPDYYEVIR FPIDLKTMTE RLRSRYYVTR KLFVADLQRV IANCREYNPP DSEYCRCASA LEKFFYFKLK EGGLIDK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KAT2A K(lysine) acetyltransferase 2A [Homo sapiens]
Official Symbol	KAT2A
Synonyms	KAT2A; K(lysine) acetyltransferase 2A; GCN5 general control of amino acid synthesis 5 like 2 (yeast) , GCN5L2; histone acetyltransferase KAT2A; GCN5; PCAF b; STAF97; hsGCN5; lysine acetyltransferase 2A; histone acetyltransferase GCN5; general control of amino acid synthesis protein 5-like 2; General control of amino acid synthesis, yeast, homolog-like 2; GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2; hGCN5; GCN5L2; PCAF-b; MGC102791
Gene ID	2648

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mRNA Refseq	NM_021078
Protein Refseq	NP_066564
MIM	602301
UniProt ID	Q92830

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