

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 KKLEKLGVSF ACKANETCKC NGWKNPKPPT APRMDLQQPA ANLSELCRSC EHPLADHVSH LENVSEDEIN RLLGMVVDVE NLFMSVHKEE DTDTKQVYFY LFLLRKCIL QMTRPVVEGS LGSPPFKPN IEQGVLFNVQ YKFSLAPRE RQTMFELSKM FLLCLNYWKL ETPAQFRQRS QAEDVATYKV NYTRWLCYCH VPQSCDSLPR YETTHVFGRS LLRSIFTVTR RQLLEKFRVE KDKLVPEKRT

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LILTHFPKFL SMLEEEIYGA NSPIWESGFT MPPSEGTQLV PRPASVSAAV
 VPSTPIFSPS MGGGSNSSL S LDSAGAEMP GEKRTL PENL TLEDAKRLRV
 MGDIPMELVN EVMLTITDPA AMLGPETSLL SANAARDETA RLEERRGIIE
 FHVIGNSLTP KANRRVLLWL VGLQNVFSHQ LPRMPKEYIA RLVFDPKHKT
 LALIKDGRVI GGICFRMFPT QGFTEIVFCA VTSNEQVKGY GTHLMNHLKE
 YHIKHNILYF LTYADEYAIG YFKKQGFSD IKVPKSRYL G YIKDYEGATL
 MECELNPRIP YTELSHIIKK QKEIKKLIE RKQAQIRKVY PGLSCFKEGV
 RQIPVESVPG IRETGWKPLG KEGKELKDP DQLYTTLKNL LAQIKSHPSA
 WPFMEPVKKS EAPDYEVIR FPIDLKTMTE RLRSRYVTR 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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