Recombinant Human KAT2A Protein, His-tagged

Cat. No. KAT2A-2352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KAT2A Protein (Ala648-Lys837) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala648-Lys837
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26 kDa Accurate Molecular Mass: 26 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	KAT2A K(lysine) acetyltransferase 2A [Homo sapiens (human)]
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
mRNA Refseq	NM_021078
Protein Refseq	NP_066564

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MIM	602301
UniProt ID	Q92830

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