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## Datasheet for ABIN2745695 **KAT2A Protein (His tag)**

### Overview

Quantity:	2 µg
Target:	KAT2A
Origin:	Human
Source:	Insect cells (Sf21)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This KAT2A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Cross-Reactivity:	Human
Characteristics:	Human GCN5 is fused to a His-tag.
Purity:	>95 % (SDS-PAGE)

### Target Details

Target:	KAT2A
Alternative Name:	GCN5 ( <a href="#">KAT2A Products</a> )
Background:	GCN5 functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Acetylation of histones gives a specific tag for epigenetic transcription activation. It has significant histone acetyltransferase activity with core histones, but not with nucleosome core particles. In case of HIV-1 infection, it is recruited by the viral protein Tat. It regulates Tat's

## Target Details

transactivating activity and may help inducing chromatin remodeling of proviral genes. GCN5 is a component of the Ada Two-A containing (ATAC) complex, a complex with histone acetyltransferase activity on histones H3 and H4.

UniProt: [Q92830](#)

Pathways: [Chromatin Binding](#), [Tube Formation](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: ~200-300ng are required for standard HAT assay.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: In 50 mM TRIS-HCl, pH 7.5, containing 100 mM sodium chloride, 0.2 % NP-40, 50 mM imidazole and 10 % glycerol.

Storage: -20 °C, -80 °C

Storage Comment: Short Term Storage: -20°C  
Long Term Storage: -80°C  
Stable for at least 6 months after receipt when stored at -80°C.

Expiry Date: 6 months