abcam

Product datasheet

Recombinant Human KAT2A / GCN5 protein (Tagged-His Tag) ab198113

1 Image

Description

Product name	Recombinant Human KAT2A / GCN5 protein (Tagged-His Tag)
Purity	> 99 % SDS-PAGE.
Expression system	Escherichia coli
Accession	Q92830
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MHHHHHHLKDPDQLYTTLKNLLAQIKSHPSAWPFMEPVK KSEAPDYYEVI RFPIDLKTMTERLRSRYYVTRKLFVADLQRVIANCREYNPP DSEYCRCAS ALEKFFYFKLKEGGLIDK
Predicted molecular weight	14 kDa including tags
Amino acids	727 to 837
Tags	His tag N-Terminus
Additional sequence information	GenBank Accession No. NM_021078.2.

Specifications

Our **Abpromise guarantee** covers the use of **ab198113** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	ab198113 is useful for the study of bromodomain binding assays, screening inhibitors, and selectivity profiling.

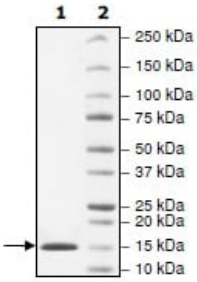
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine)

General Info

Function	Functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Acetylation of histones gives a specific tag for epigenetic transcription activation. 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. Regulates Tat's transactivating activity and may help inducing chromatin remodeling of proviral genes. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.
Tissue specificity	Expressed in all tissues tested, with most abundant expression in ovary.
Sequence similarities	Belongs to the GCN5 family. Contains 1 bromo domain. Contains 1 N-acetyltransferase domain.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human KAT2A / GCN5 protein (Tagged-His Tag) (ab198113)

4-20% SDS-PAGE analysis of ab198113.

Lane 1: 2 µg ab198113

Lane 2: Protein marker

Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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