

Recombinant Human KAT2A / GCN5 protein ab111648

1 图像

描述	
产品名称	重组人KAT2A / GCN5蛋白
纯度	> 90 % SDS-PAGE. ab111648 is purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q92830</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMGGGSNSSLSLDSAGAEMPMP GEKRTL PENL TLEDAKRLRVMGDIPMELVNEVMLTITDPAAMLGPETSLLSANAARDETA RLEERRGIIEFHVIGNSLTPKANRRVLLWLVLQNVFSHQLPRMPKEYIA RLVFDPKHKTALIKDGRVIGGICFRMFPTQGFTEIVFCAVTSNEQVKGY GTHLMNHLKEYHIKHNILYFLTYADEYAIGYFKKQGFSKDIKVPKSRYLG YIKDYEGATLMECELNPRIPTYELSHIIKKQKEIICKLIERKQAQIRKVV PGLSCFKEGVRQIPVESVPGIRETGWKPLGKEKGKELKDPDQLYTTLKNL LAQIKSHPSAWPFMEPVKKSEAPDYEVIRFPIDLKTMTERLRSRYVTR KLFVADLQRVIANCREYNPPDSEYCRCSALEKFFYFKLKEGGLIDK
预测分子量	51 kDa including tags
氨基酸	411 to 837
标签	His tag N-Terminus
技术指标	

Our **Abpromise guarantee** covers the use of **ab111648** in the following tested applications.

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

应用	SDS-PAGE
	Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

## 制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 8.00 Constituents: 0.08% DTT, 0.32% Tris HCl, 0.03% EDTA, 40% Glycerol (glycerin, glycerine), 1.17% Sodium chloride
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## 常规信息

功能	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.
组织特异性	Expressed in all tissues tested, with most abundant expression in ovary.
序列相似性	Belongs to the GCN5 family. Contains 1 bromo domain. Contains 1 N-acetyltransferase domain.
细胞定位	Nucleus.

## 图片



15% SDS-PAGE analysis of ab111648 (3 µg)

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

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