abcam

Product datasheet

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 Q92830

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHHSSGLVPRGSHMGGGSNSSLSLDSAGAEPMP

GEKRTLPENL

TLEDAKRLRVMGDIPMELVNEVMLTITDPAAMLGPETSLLSA

NAARDETA

RLEERRGIIEFHVIGNSLTPKANRRVLLWLVGLQNVFSHQLP

RMPKEYIA

RLVFDPKHKTLALIKDGRVIGGICFRMFPTQGFTEIVFCAVT

SNEQVKGY

GTHLMNHLKEYHIKHNILYFLTYADEYAIGYFKKQGFSKDIK

VPKSRYLG

YIKDYEGATLMECELNPRIPYTELSHIIKKQKEIIKKLIERK

QAQIRKVY

PGLSCFKEGVRQIPVESVPGIRETGWKPLGKEKGKELKDPDQ

LYTTLKNL

LAQIKSHPSAWPFMEPVKKSEAPDYYEVIRFPIDLKTMTERL

RSRYYVTR

 ${\tt KLFVADLQRVIANCREYNPPDSEYCRCASALEKFFYFKLKEG}$

GLIDK

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

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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

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.

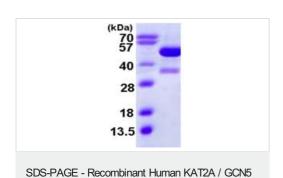
Contains 1 bromo domain.

Contains 1 N-acetyltransferase domain.

细胞定位 Nucleus.

图片

protein (ab111648)



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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