abcam

Product datasheet

Recombinant Human RBBP4 protein (Tagged-His Tag) ab196431

1 Image

Description

Product name Recombinant Human RBBP4 protein (Tagged-His Tag)

Purity >= 46 % SDS-PAGE.

Affinity purified.

Expression system Baculovirus infected Sf9 cells

Accession Q09028

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence ADKEAAFDDAVEERVINEEYKIWKKNTPFLYDLVMTHALE

WPSLTAQWLP

DVTRPEGKDFSIHRLVLGTHTSDEQNHLVIASVQLPNDDA

QFDASHYDSE

KGEFGGFGSVSGKIEIEIKINHEGEVNRARYMPQNPCIIATK

TPSSDVLV

FDYTKHPSKPDPSGECNPDLRLRGHQKEGYGLSWNPNL

SGHLLSASDDHT

ICLWDISAVPKEGKVVDAKTIFTGHTAVVEDVSWHLLHE

SLFGSVADD

QKLMIWDTRSNNTSKPSHSVDAHTAEVNCLSFNPYSEFIL

ATGSADKTVA

LWDLRNLKLKLHSFESHKDEIFQVQWSPHNETILASSGTD

RRLNVWDLSK

 ${\tt IGEEQSPEDAEDGPPELLFIHGGHTAKISDFSWNPNEPWV}$

ICSVSEDNIM QVWQMAENIYNDEDPEGSVDPEGQGS

Predicted molecular weight 48 kDa including tags

Amino acids 2 to 425

Tags His tag N-Terminus

Additional sequence information Genbank accession number: NM_005610

Specifications

1

Our Abpromise quarantee covers the use of ab196431 in the following tested applications.

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

Applications Functional Studies

SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

00.8 :Ha

Preservative: 1.36% Imidazole

Constituents: 0.63% Tris HCI, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.05% (R*,R*)-

1,4-Dimercaptobutan-2,3-diol, 20% Glycerol (glycerin, glycerine)

General Info

Function Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling

> factors and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the

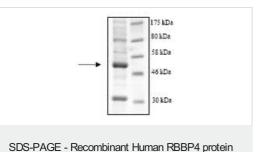
NURF (nucleosome remodeling factor) complex.

Sequence similarities Belongs to the WD repeat RBAP46/RBAP48/MSI1 family.

Contains 6 WD repeats.

Cellular localization Nucleus.

Images



(Tagged-His Tag) (ab196431)

SDS-PAGE analysis of 5 µg ab196431 on 10% SDS-PAGE gel stained with Coomassie.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- · Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- · Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

· Guarantee only valid for products bought direct from Abcam or one of our authorized distributors