abcam

Product datasheet

Recombinant Mouse CCRK protein ab204163

1 Image

Description

Product name Recombinant Mouse CCRK protein

Purity > 80 % Densitometry.

Affinity purified.

Expression system Baculovirus infected Sf9 cells

Accession Q9JHU3

Protein length Full length protein

Animal free No

Nature Recombinant

Species Mouse

Sequence MDQYCILGRIGEGAHGIVFKAKHVETGEIVALKKVALRRLE

DGIPNQALR

EIKALQEIEDSQYVVQLKAVFPHGAGFVLAFEFMLSDLAE

VVRHAQRPLA

PAQVKSYLQMLLKGVAFCHANNIVHRDLKPANLLISASGQ

LKIADFGLAR

VFSPDGGRLYTHQVATRWYRAPELLYGARQYDQGVDLW

AVGCIMGELLNG

SPLFPGENDIEQLCCVLRILGTPSPRVWPEITELPDYNKI

SFKEQAPV

PLEEVLPDASPQALDLLGQFLLYPPRQRIAASQALLHQYF

FTAPLPAHPS

ELPIPQRPGGPAPKAHPGPPHVHDFHVDRPLEESLLNPE

LIRPFIPEG

Predicted molecular weight 64 kDa including tags

Amino acids 1 to 346

Tags GST tag N-Terminus

Additional sequence information NM_053180.

Specifications

Our <u>Abpromise guarantee</u> covers the use of ab204163 in the following tested applications.

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

1

Applications Western blot

SDS-PAGE

Form Liquid

Preparation and Storage

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

pH: 7.50

Constituents: 0.79% Tris HCI, 0.29% Sodium chloride, 0.31% Glutathione, 0.003% EDTA,

0.002% PMSF, 0.004% DTT, 25% Glycerol (glycerin, glycerine)

General Info

Function Required for high-level Shh responses in the developing neural tube. Together with BROMI,

controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling (By similarity). Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by

phosphorylating residue 'Thr-160'.

Sequence similarities Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX

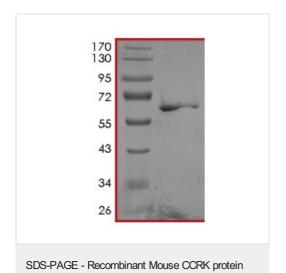
subfamily.

Contains 1 protein kinase domain.

Cellular localization Nucleus. Cytoplasm. Cell projection > cilium.

Images

(ab204163)



Analysis of the purity of ab204163 by densitometry.

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