

## Product datasheet

# Recombinant Mouse CCRK protein ab204163

1 Image

### Description

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<b>Product name</b>	Recombinant Mouse CCRK protein
<b>Purity</b>	> 80 % Densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<b><u>Q9JHU3</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Mouse
<b>Sequence</b>	MDQYCILGRIGEGAHGMVFKAKHVETGEMALKKVALRRLE DGIPNQALR EIKALQEIEDSQYVVQLKAVFPHGAGFVLAFEFMLSDLAE VVRHAQRPLA PAQVKSYLQMLLKGVAFCHANNIVHRDLKPANLLISASGQ LKIADFGLAR VFSPDGGRLYTHQVATRWRAPPELLYGARQYDQGVDLW AVGCIMGELLNG SPLFPGENDIEQLCCVLRILGTPSPRVWPEITELPDYNKI SFKEQAPV PLEEVLPDASPOALDLLGQFLLYPPRQRIAASQALLHQYF FTAPLPAHPS ELPIPQRPGGPAPKAHPGPPHVHDFHVDRLPEESLLNPE LIRPFIPEG
<b>Predicted molecular weight</b>	64 kDa including tags
<b>Amino acids</b>	1 to 346
<b>Tags</b>	GST tag N-Terminus
<b>Additional sequence information</b>	NM_053180.

### Specifications

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Our **Abpromise guarantee** 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.

<b>Applications</b>	Western blot SDS-PAGE
<b>Form</b>	Liquid

## Preparation and Storage

<b>Stability and Storage</b>	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.79% Tris HCl, 0.29% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.002% PMSF, 0.004% DTT, 25% Glycerol (glycerin, glycerine)
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## General Info

<b>Function</b>	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'.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.
<b>Cellular localization</b>	Nucleus. Cytoplasm. Cell projection > cilium.

## Images



Analysis of the purity of ab204163 by densitometry.

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

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