

Product datasheet

Recombinant Human CDKL2 protein ab167948

1 Image

Overview

Product name	Recombinant Human CDKL2 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Baculovirus infected Sf9 cells

Amino Acid Sequence

Accession [Q92772](#)

Species Human

Sequence

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MEKYENLGLVGEFSYGMVMKCRNKDTGRIVAIAKKFLE
SDDDKMVKKIAMR
EIKLLKQLRHENLVNLLVCKKKKRWYLVFEFVDHTILD
DLELFPNGLDY
QVVQKYLFIINGIGFCHSHNIIHRDIKPENILVSQSGVVK
LCDFGFART
LAAPGEVYTDYVATRWRAPPELLVGDVKYKKAVDVW
AIGCLVTEFMGEP
LFPGSDSIDQLYHIMMCLGNLIPRHQELFNKNPVFAGV
RLPEIKEREPEL
RRYPKLSEVVIDLAKKCLHIDPKRPFCAELLHDDFFQ
MDGFAERFSQEL
QLKVQKDARNVSLSKKSQNRKKEKEKDDSLVEERKT
LVVQDTNADPKIKD
YKLFKIKGSKIDGEKAEKGNRASNASCLHDSRTSHNKI
VPSTSLKDCSNV
SVDHTRNPSVAIPPLTHNLSAVAPSINSGMGTEPIQGG
YRVDEKTKKCS
IPFVKPNRHSPSGIYNINVTTLVSGPPLSDDSGADLPQ
MEHQH
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Molecular weight	81 kDa including tags
Amino acids	1 to 493
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab167948** in the following tested applications.

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

Applications	Western blot
Purity	> 80 % Densitometry.
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.004% EDTA, 25% Glycerol, 0.29% Sodium chloride
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General Info

Tissue specificity	Expressed in testis and kidney, and at lower level in brain and lung.
Sequence similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.
Domain	The [NKR]KIAxRE motif seems to be a cyclin-binding region.
Cellular localization	Cytoplasm. Nucleus.

Images



SDS-PAGE analysis of ab167948.

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