

Recombinant Human CDKL2 Protein, GST-Tagged

Cat. No. CDKL2-1046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDKL2 full-length ORF (BAG35392.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with lower levels in the nucleus. [provided by RefSeq, Jul 2008]
Molecular Mass	82.4 kDa
AA Sequence	MEKYENLGLVGEGSYGMVMKCRNKDTGRIVAIAKKFLESDDDKMVKKIAMREIKLLKQ LRHENLVNLLEVCKKKRWYLVFEFVDHTILDDLELFPNGLDYQVVQKYLFIINGIGF CHSHNIIHRDIKPENILVSQSGVVKLCDFGFARTLAAPGEVYTDYVATRWYRAPELLV GDVKYGKAVDVWAIGCLVTEMFMGEPLFPGDSDIDQLYHIMMCLGNLIPRHQELFN KNPVFAGVRLPEIKEREPLERRYPKLSEVVIDLAKKCLHIDPKRPFCAELLHHDFEQ MDGFAERFSQELQLKVQKDARNVSLSKKSQNRKKEKEKDDSLVEERKTLVVQDTN ADPKIKDYKLFKIKGSKIDGEKAEKGNRASNASCLHDSRTSHNKIVPSTSLKDCSNVS VDHTRNPSVAIPPLTHNLSAVAPSINSGMGTTETIPIQGYRVDEKTKKCSIPFVKPNRH SPSGIYNINVTTLVSGPPLSDDSGADLPQMEHQH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CDKL2 cyclin-dependent kinase-like 2 (CDC2-related kinase) [Homo sapiens]

Official Symbol CDKL2

Synonyms CDKL2; cyclin-dependent kinase-like 2 (CDC2-related kinase); cyclin-dependent kinase-like 2; KKIAMRE; P56; CDC2-related kinase; p56 KKIAMRE protein kinase; protein kinase p56 KKIAMRE; serine/threonine protein kinase KKIAMRE; serine/threonine-protein kinase KKIAMRE;

Gene ID 8999

mRNA Refseq NM_003948

Protein Refseq NP_003939

MIM 603442

UniProt ID Q92772

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