

Recombinant Full Length Human CDKL2 Protein, GST-tagged

Cat. No. CDKL2-3168HF **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	In Vitro Cell Free System
ProteinLength	493 amino acids
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	MEKYENLGLVGECSYGMVMKCRNKDTGRIVAIAKKFLESDDDKMVKKIAMREIKLLKQ LRHENLVNLLEVCKKKRWYLVFEFVDHTILDDLELFPNGLDYQVVQKYLFIINGIGF CHSHNIIHRDIKPENILVSQSGVVKLCDFGFARTLAAPGEVYTDYVATRWYRAPELLV GDVKYGKAVDVWAIGCLVTEMFMGEPLFPGDSDIDQLYHIMMCLGNLIPRHQELFN KNPVFAGVRLPEIKEREPLERRYPKLSEVVIDLAKKCLHIDPKRPFCAELLHHDFEQ MDGFAERFSQELQLKVQKDARNVSLSKKSQNRKKEKEKDDSLVEERKTLVVQDTN ADPKIKDYKLFKIKGSKIDGEKAEEKGNRASNASCLHDSRTSHNKIVPSTSLKDCSNVS VDHTRNPSVAIPPLTHNLSAVAPSINSGMGTTETIPIQGYRVDEKTKKCSIPFVKPNRH SPSGIYNINVTTLVSGPPLSDDSGADLPQMEHQH

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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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