

Recombinant Human CDKL1 Protein, GST-Tagged

Cat. No. CDKL1-1045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDKL1 partial ORF (NP_004187, 259 a.a. - 358 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 nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]
Molecular Mass	36.63 kDa
AA Sequence	YPALGLLKGCLHMDPTQRLTCEQLLHHPYFENIREIEDLAKEHNKPTRKTLRKSRKH HCFTETSKLQYLPQLTGSSILPALDNKKYYCDTKKLNRYRFPNI
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CDKL1 cyclin-dependent kinase-like 1 (CDC2-related kinase) [Homo sapiens]
Official Symbol	CDKL1
Synonyms	CDKL1; cyclin-dependent kinase-like 1 (CDC2-related kinase); cyclin-dependent kinase-like 1; KKIALRE; CDC2-related kinase 1; protein kinase p42 KKIALRE; serine/threonine protein kinase KKIALRE; serine/threonine-protein kinase KKIALRE; P42;
Gene ID	8814
mRNA Refseq	NM_004196
Protein Refseq	NP_004187
MIM	603441
UniProt ID	Q00532
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.

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