

## Recombinant Human CDKL1 Protein, GST-Tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human CDKL1 partial ORF (NP_004187, 259 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	36.63 kDa
<b>AA Sequence</b>	YPALGLLKGCLHMDPTQRLTCEQLLHHPYFENIREIEDLAKEHKNKPTRKTLRKSARKH HCFTETSKLQYLPQLTGSSILPALDNKKYYCDTKKLNRYRFPNI
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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**GENE INFORMATION**

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

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