

Recombinant Human CDKL3, GST-tagged

Cat. No. CDKL3-148H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human CDKL3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	CDKL3 or cyclin-dependent kinase-like 3 is a member of cyclin-dependent protein kinase (CDK) family which is highly similar to the gene products of <i>Saccharomyces cerevisiae</i> cdc28, and <i>Schizosaccharomyces pombe</i> cdc2, and is known to be important regulators of cell cycle progression and cellular proliferation. CDKL3 is a novel CDC2-related kinase with features of both mitogen-activated protein kinases and cyclin-dependent kinases. CDKL3 is identified as a gene absent in leukemic patients with chromosome 5q deletion and this loss may be an important determinant of dysmyelopoiesis.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~98 kDa
Purity	>70% by densitometry
Applications	Western Blot

 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

Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 µg/µl
GENE INFORMATION	
Gene Name	CDKL3 cyclin-dependent kinase-like 3 [Homo sapiens]
Official Symbol	CDKL3
Synonyms	CDKL3; cyclin-dependent kinase-like 3; NKIAMRE; serine threonine protein kinase NKIAMRE; serine-threonine protein kinase NKIAMRE; serine/threonine-protein kinase NKIAMRE;
Gene ID	51265
mRNA Refseq	NM_001113575
Protein Refseq	NP_001107047
MIM	608459
UniProt ID	Q8IVW4
Chromosome Location	5q31
Function	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding; protein kinase activity;

 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