

## Datasheet for ABIN6699775 **CDKL3 Protein (GST tag)**



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### Overview

Quantity:	20 µg
Target:	CDKL3
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKL3 protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	CDKL3 recombinant protein-GST fusion protein
Purification:	Recombinant full-length human CDKL3 was expressed by baculovirus in Sf9 insect cells using an N-terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Purity:	>70%

### Target Details

Target:	CDKL3
Alternative Name:	CDKL3 ( <a href="#">CDKL3 Products</a> )
Background:	Synonyms: NKIAMRE, Cyclin-dependent kinase-like 3, Serine/threonine-protein kinase NKIAMRE Background: 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>

## Target Details

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cdc28, and Schizosaccharomyces pombe 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 (1). CDKL3 is identified as a gene absent in leukemic patients with chromosome 5q deletion and this loss may be an important determinant of dysmyelopoiesis (2). CDKL3 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cancer, Cell Cycle, and Ser/Thr Kinases research.

NCBI Accession: [NM\\_001113575](#)

Pathways: [Cell Division Cycle](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: CDKL3 Protein is suitable for use in Western Blot. Expect a band approximately ~ 98 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.05 µg/µL

Buffer: CDKL3 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. 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.

Expiry Date: 12 months