

Recombinant Human CDKL4, GST-tagged

Cat. No. CDKL4-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human CDKL4 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	CDKL4 or cyclin-dependent kinase-like 4 is a member of a large family of CDC2-related serine/threonine protein kinases. The CDKL4 gene is conserved in Rhesus monkey, dog, cow, mouse, and rat.
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	~60 kDa
Purity	>90% by densitometry
Applications	Western Blot
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

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GENE INFORMATION

Gene Name	CDKL4 cyclin-dependent kinase-like 4 [Homo sapiens]
Official Symbol	CDKL4
Synonyms	CDKL4; cyclin-dependent kinase-like 4;
Gene ID	344387
mRNA Refseq	NM_001009565
Protein Refseq	NP_001009565
UniProt ID	Q5MAI5
Chromosome Location	2p22.3
Function	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding; protein serine/threonine kinase activity;

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