

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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