

Recombinant Human CDKL5 Protein, GST-Tagged

Cat. No. CDKL5-1052H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDKL5 partial ORF (AAH36091, 722 a.a. - 831 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of Ser/Thr protein kinase family and encodes a phosphorylated protein with protein kinase activity. Mutations in this gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT). Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	37.73 kDa
AA Sequence	RPDNSFHENNVSTRVSSLPSESSSGTNHSKRQPAFDPWKSPENISHSEQLKEKEKQ GFFRSMKKKKKKSQTPNSDSPDLLTLQKSIHSASTPSSRPKEWRPEKISDLQT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CDKL5 cyclin-dependent kinase-like 5 [Homo sapiens]

Official Symbol CDKL5

Synonyms CDKL5; cyclin-dependent kinase-like 5; serine/threonine kinase 9, STK9; EIEE2; serine/threonine kinase 9; serine/threonine-protein kinase 9; cyclin dependent kinase 5 transcript; ISSX; STK9;

Gene ID 6792

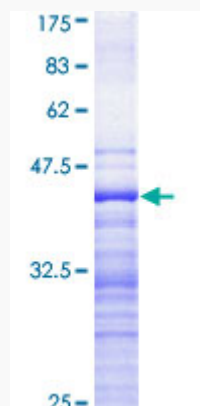
mRNA Refseq NM_003159

Protein Refseq NP_003150

MIM 300203

UniProt ID O76039

Quality Control Testing



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12.5% SDS-PAGE Stained with Coomassie Blue.