



# Recombinant Human Cyclin-dependent kinase-like 2 (CDKL2)

<b>Product Code</b>	CSB-EP852904HU-B
<b>Abbreviation</b>	CDKL2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q92772
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEKYENLGLV GEGSYGMVMK CRNKDTGRIV AIKKFLESDD DKMVKKIAMR EIKLLKQLRH ENLVNLEVC KKKRWYLVF EFVDHTILDD LELFPNGLDY QVVQKYLFI INGIGFCHSH NIIHRDIKPE NILVSQSGVV KLCDFGFART LAAPGEVYTD YVATRWRAP ELLVGDVKYG KAVDVWAIGC LVTEMFMGEP LFPGDSDIDQ LYHIMMCLGN LIPRHQELFN KNPVFAGVRL PEIKEREPL RRYPKLSEVV IDLAKKCLHI DPKRPFCAE LLHHDFQMD GFAERFSQEL QLKVQKDARN VLSKKSQNR KKEKEKDDSL VEERKTLVVQ DTNADPKIKD YKLFKIKGSK IDGEKAEKGN RASNASCLHD SRTSHNKIVP STSLKDCSNV SVDHTRNPSV AIPPLTHNLS AVAPSINSGM GTETIPIQGY RVDEKTKKCS IPFVKPNRHS PSGIYNINVT TLVSGPPLSD DSGADLPQME HQH
<b>Source</b>	E.coli
<b>Target Names</b>	CDKL2
<b>Protein Names</b>	Recommended name: Cyclin-dependent kinase-like 2 EC= 2.7.11.22 Alternative name(s): Protein kinase p56 KKIAMRE Serine/threonine-protein kinase KKIAMRE
<b>Expression Region</b>	1-493
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with lower levels in the nucleus.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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