# **Recombinant Human CDKL2 Protein (His Tag)**

Catalog Number: PKSH030371



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Synonyms KKIAMRE;P56

Species Human

**Expression Host** Baculovirus-Insect Cells

Sequence Met 1-His 493

Accession Q92772
Calculated Molecular Weight 58.3 kDa
Observed molecular weight 63 kDa
Tag N-His

## **Properties**

**Purity** > 80 % as determined by reducing SDS-PAGE.

**Endotoxin**  $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$ 

**Storage** Store at  $< -20^{\circ}$ C, stable for 6 months. Please minimize freeze-thaw cycles.

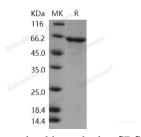
**Shipping** This product is provided as liquid. It is shipped at frozen temperature with blue

ice/gel packs. Upon receipt, store it immediately at < - 20°C.

**Formulation** Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol

**Reconstitution** Not Applicable

#### Data



> 80 % as determined by reducing SDS-PAGE.

## **Background**

Cyclin-dependent kinase-like 2 (Cdkl2) is a member of cdc2-related serine / threonine protein kinase family and it is found expressed in various brain regions, including the cerebral cortex, entorinal cortex, hippocampus, amygdala, and dorsal thalamus. The high expression in these brain regions suggests that Cdkl2 may have functions in congnition and emotion processes. Cdkl2 accumulates primarily in the cytoplasm, with lower levels in the nucleus.

#### For Research Use Only

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