

## Recombinant Human CAMK1D / CKLiK Protein (GST tag)

db58417

Package : 10µg 50µg 100µg 1mg

**Product Name** : Recombinant Human CAMK1D / CKLiK Protein (GST tag)**Cat.No.:** db58417**Synonyms** : CaM-K1;CaMKID;CKLiK**Application** : Positive Control, Immunogen, SDS-PAGE, WB**Tag** : N-GST**Expression host** : Baculovirus-Insect Cells**Species** : Human**Background**

Calcium/calmodulin-dependent protein kinase that operates in the calcium-triggered CaMKK-CaMK1 signaling cascade and, upon calcium influx, activates CREB-dependent gene transcription, regulates calcium-mediated granulocyte function and respiratory burst and promotes basal dendritic growth of hippocampal neurons. In neutrophil cells, required for cytokine-induced proliferative responses and activation of the respiratory burst. Activates the transcription factor CREB1 in hippocampal neuron nuclei. May play a role in apoptosis of erythroleukemia cells. In vitro, phosphorylates transcription factor CREM isoform Beta.

**Gene ID**

57118

**Swiss Prot**

Q8IU85

**Synonyms**

CaM-K1;CaMKID;CKLiK

**Application**

Positive Control, Immunogen, SDS-PAGE, WB

**Molecular Weight**

69 kDa

**Species**

Human

**Purity**

&gt;85% as determined by SDS-PAGE.

**Seq**

Met 1-Lys 385

**Tag**

N-GST

**Formulation**

Freeze-dried powder

**Storage Stability**

Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Avoid repeated freeze/thaw cycles.

