

Recombinant Human CAMK1D Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CAMK1D-1975H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CAMK1D MS Standard C13 and N15-labeled recombinant protein (NP_705718) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the calcium/calmodulin-dependent protein kinase 1 family, a subfamily of the serine/threonine kinases. The encoded protein is a component of the calcium-regulated calmodulin-dependent protein kinase cascade. It has been associated with multiple processes including regulation of granulocyte function, activation of CREB-dependent gene transcription, aldosterone synthesis, differentiation and activation of neutrophil cells, and apoptosis of erythroleukemia cells. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.
Molecular Mass	42.9 kDa
AA Sequence	MARENGESSSSWKKQAEDIKKIFEFKETLGTGAFSEVVLAEEKATGKLFVAVKCIPKKA LKGKESSIENEIAVLRKIKHENIVALEDIYESPNHLYLVMQLVSGGELFDRIVEKGFYTE KDA STLIRQVLDAVYYLHRMGIVHRDLKPENLLYYSQDEESKIMISDFGLSKMEGKG DVMSTACGTPGYVAPEVLAQKPYSKAVDCWSIGVIAYILLCGYPPFYDENDSKLFEQI LKA EYEFDSPYWDDISDSAKDFIRNLMEKDPNKRYTCEQAARHPWIAGDTALNKNIH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ESVSAQIRKNFAKSKWRQAFNATAVVRHMRKLHLGSSLDSSNASVSSSLSLASQKD
CLAPSTLCSEFISSSSGVSGVGAERRPRPTTVTAVHSGSKTRTRPLEQKLISEEDLAA
NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CAMK1D calcium/calmodulin-dependent protein kinase ID [Homo sapiens (human)]

Official Symbol CAMK1D

Synonyms CAMK1D; calcium/calmodulin-dependent protein kinase ID; calcium/calmodulin-dependent protein kinase type 1D; CKLiK; caMKI delta; caM-KI delta; CaM kinase ID; caM kinase I delta; CamKI-like protein kinase; CaM-K1; CaMKID;

Gene ID 57118

mRNA Refseq NM_153498

Protein Refseq NP_705718

 Tel: 1-631-559-9269 1-516-512-3133

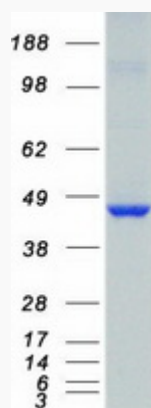
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 607957

UniProt ID Q8IU85

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA