

Recombinant Full Length Human CAMK1D Protein, GST-tagged

Cat. No. CAMK1D-2723HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAMK1D full-length ORF (AAH35745, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	385 amino acids
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. [provided by RefSeq, Jan 2015]
Molecular Mass	68.09 kDa
AA Sequence	MARENGESSSSWKKQAEDIKKIFEFKETLGTGAFSEVVLAEKATGKLFVAVKCI PKKA LKGKESSIENEI AVLRLKIKHENIVALEDIYESPNHLYLVMQLVSGGELFDRIVEKGFYTE KDA STLIRQVLDAVYYLHRMGIVHRDLKPENLLYYSQDEESKIMISDFGLSKMEGKG DVMSTACGTPGYVAPEVLAQKPYSKAVDCWSIGVIAIYILLCGYPPFYDENDSKLFEQI

 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

LKAEYEFDSPYWDDISDSAKDFIRNLMKDPNKRYTCEQAARHPWIAGDTALNKNIH
 ESVSAQIRKNFAKSKWRQAFNATAVVRHMRKLHLGSSLDSSNASVSSSLSLASQKD
 CLAPSTLCSFISSSSGVSGVGAERRPRPTTVTAVHSGSK

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

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

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_020397](#)

Protein Refseq [NP_065130](#)

 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

 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