

## Recombinant Human CAMK1D Protein, GST-tagged

Cat. No. CAMK1D-404H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CAMK1D, transcript variant 2, fused with GST tag at N-terminal was expressed in E. coli.

**Species** Human

**Source** E.coli

**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.

**Form** Supplied as a 0.2 μM filtered solution of PBS, pH 7.4

**Molecular Mass** 69.2kD

**AA Sequence** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY  
YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAIEISMLEGAVLDIRYGVSR IAYS KD FE  
TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA  
FPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLVPRGSMAR  
ENGESSSSWKKQAEDIKKIFEFKETL

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**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

## 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

**MIM** 607957

**UniProt ID** Q8IU85

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