

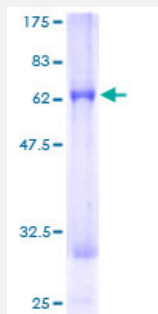
Full-Length

CAMK1D (Human) Recombinant Protein (P01)

Catalog # H00057118-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CAMK1D full-length ORF (AAH35745, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARENGESSSSWKKQAEDIKKIFEFKETLGTGAFSEVVLAEKATGKLFVAVKCIKKALKGKESSI
ENEIAVLRKIKHENVALEDIYESPNHLYVMQLVSGGELFDRIVEKGFYTEKDASTLIRQVLDVYYL
HRMGVHRDLKPENLLYYSQDEESKIMISDFGLSKMEGKGDVMSTACGTPGYVAPEVLAQKPYSK
AVDCWSIGVIAYILLCGYPPFYDENDSKLFEQILKAEYEFDSPYWDDISDSAKDFIRNLMEKDPNKR
YTCEQAARHPWIAGDTALNKNIHESVSAQIRKNFAKSKWRQAFNATAVVRHMRKLHLGSSLDSSN
ASVSSSLSLASQKDCLAPSTLCSFISSSSGVSQVGAERRPRPTTVTAVHSGSK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.09

Interspecies Antigen Sequence

Mouse (97); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

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

Gene Info — CAMK1D

Entrez GeneID[57118](#)**GeneBank Accession#**[BC035745](#)**Protein Accession#**[AAH35745](#)**Gene Name**

CAMK1D

Gene Alias

CKLiK, CaM-K1, CaMKID

Gene Description

calcium/calmodulin-dependent protein kinase ID

Omim ID[607957](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the Ca²⁺/calmodulin-dependent protein kinase 1 subfamily of serine/threonine kinases. The encoded protein may be involved in the regulation of granulocyte function through the chemokine signal transduction pathway. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]

Other Designations

CaM kinase ID|CamK1-like protein kinase|OTTHUMP00000019119|OTTHUMP00000019120|OTTHUMP00000045030

Disease

- [Alzheimer Disease](#)
- [Birth Weight](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
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