

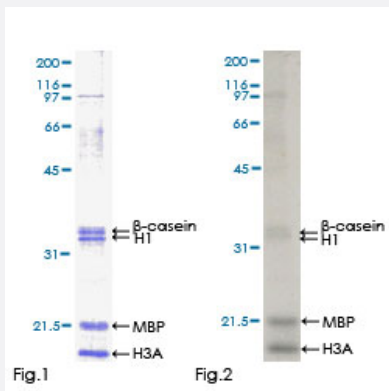
Full-Length

CAMKK1 (Human) Recombinant Protein (P01)

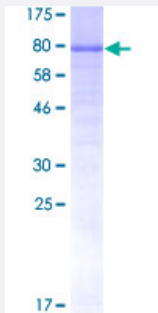
Catalog # H00084254-P01

Size 25 ug, 10 ug

Applications



Kinase Assay



Specification

Product Description

Human CAMKK1 full-length ORF (AAH31647, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence	MEGGPAVCCQDPRAELVERVAADVTHLEEADGGPEPTRNGVDPPPRARAASVIPGSTSRLPA RPSLSARKLSLQERPAGSYLEAQAGPYATGPASHISPAWRRPTIESHHVAISDAEDCVQLNQYK LQSEIGKGAYGVVRLAYNESEDHRHYAMKVLSSKKLLKQYGFPRRPPPRGSQAAQGGPAKQLLPL ERVYQEIAILKKLDHVNVLIEVLDDPAEDNLYLALQNQAQNIQLDSTNIAKPHSLLPSEQQDSGS TWAARSVFDLLRKGPVMEVPCDKPFSEEQARLYLRDVILGLEYLHCQKIVHRDIKPSNLLLGGDDG HVKIADFGVSNQFEGNDAQLSSSTAGTPAFMAPEAISDSGQSFSKGALDVWATGVTLYCFVYGKC PFIDDFILALHRKIKNEPVVFPPEGPEISEELKDLILKMLDKNPETRIGVPDIKLHPWVTKNGEELPS EEHCSVVEVTEEEVKNSVRLIPSWTTVILVKSMLRKRSFGNPFEPQARREERSMSAPGNLLV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	82.94
Interspecies Antigen Sequence	Mouse (87); Rat (87)
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

- Kinase Assay
[Protocol Download](#)
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CAMKK1

Entrez GeneID	84254
GeneBank Accession#	BC031647
Protein Accession#	AAH31647
Gene Name	CAMKK1
Gene Alias	CAMKKA, DKFZp761M0423, MGC34095
Gene Description	calcium/calmodulin-dependent protein kinase kinase 1, alpha
Omim ID	611411
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade. Three transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	CAMKK alpha protein OTTHUMP00000115904 calcium/calmodulin-dependent protein kinase 1 alpha

Pathway

- [Adipocytokine signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)