

Recombinant Full Length Human CAMKK1 Protein, GST-tagged

Cat. No. CAMKK1-2788HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAMKK1 full-length ORF (AAH31647, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	520 amino acids
Description	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, Jul 2008]
Molecular Mass	82.94 kDa
AA Sequence	MEGGPAVCCQDPRAELVERVAIDVTHLEEADGGPEPTRNGVDPPPRARAASVIPG STSRLLPARPSLSARKLSLQERPAGSYLEAQAGPYATGPASHISPAWRRPTIESHH VAISDAEDCVQLNQYKLQSEIGKGAYGVVRLAYNESEDRHYAMKVLSKKKLLKQYG FPRRPPPRGSQAAQGGPAKQLLPLERVYQEIAILKKLDHVNNVKLIIEVLDDPAEDNLY LALQNQAQNIQLDSTNIAKPHSLLPSEQQDSGSTWAARSVFDLLRKGPVMEVPCDK PFSEEQARLYLRDVILGLEYLHCQKIVHRDIKPSNLLLGGDDGHVKIADFGVSNQFEGN DAQLSSTAGTPAFMAPEAISDSGQSFSKGALDVWATGVTLYCFVYGKCPFIDDFILA

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LHRKIKNEPVVFPEGPEISEELKDLILKMLDKNPETRIGVDPDIKLHPWVTKNGEEPLPS
 EEEHCSVVEVTEEEVKNSVRLIPSWTTVILVKSMRLRKRSFGNPFEPQARREERSMSA
 PGNLLV

Applications

Kinase Assay
 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 [CAMKK1 calcium/calmodulin-dependent protein kinase kinase 1, alpha \[Homo sapiens \]](#)

Official Symbol [CAMKK1](#)

Synonyms CAMKK1; calcium/calmodulin-dependent protein kinase kinase 1, alpha; calcium/calmodulin-dependent protein kinase kinase 1; CAMKKA; DKFZp761M0423; MGC34095; caMKK 1; caM-KK 1; caM-KK alpha; CAMKK alpha protein; caM-kinase kinase 1; caM-kinase IV kinase; caM-kinase kinase alpha; calcium/calmodulin-dependent protein kinase kinase alpha;

Gene ID [84254](#)

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mRNA Refseq	NM_032294
Protein Refseq	NP_115670
MIM	611411
UniProt ID	Q8N5S9

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