

Recombinant Human CAMKK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CAMKK1-1390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CAMKK1 MS Standard C13 and N15-labeled recombinant protein (NP_757344) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	57.5 kDa
AA Sequence	MEGGPAVCCQDPRAELVERVAIDVTHLEEADGGPEPTRNGVDPPPRARAASVIPG STSRLLPARPSLSARKLSLQERPAGSYLEAQAGPYATGPASHISPRAWRRPTIESHH VAISDAEDCVQLNQYKLQSEIGKGAYGVVRLAYNESEDRHYAMKVLSSKKLLKQYG FPRRPPPRGSQAAQGGPAKQLPLERVYQEIALKKLDHVNNVKLVLDPAEDNLY LALQNQAQNIQLDSTNIAKPHSLPSEQQDSGSTWAARSVFDLLRKGPVMEVPCDK PFSEEQARLYLRDVILGLEYLHCQKIVHRDIKPSNLLLGGDGHVKIADFGVSNQFEGN DAQLSSTAGTPAFMAPEAISDSGQSFSKGALDVWATGVTLYCFVYGKCPFIDDFILA LHRKIKNEPVVFPEGPEISEELKDLILKMLDKNPETRIGVPDIKLHPWVTKNGEELPS EEEHCSVVEVTEEEVKNSVRLIPSWTTVILVKSMLRKRSFGNPFEPQARREERSMSA

 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

	PGNLLVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CAMKK1 calcium/calmodulin dependent protein kinase kinase 1 [Homo sapiens (human)]
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
mRNA Refseq	NM_172207
Protein Refseq	NP_757344

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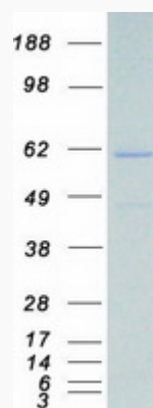
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MIM 611411

UniProt ID Q8N5S9

SDS-PAGE



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