

Recombinant Human CAMKK1 Protein, GST-Tagged

Cat. No. CAMKK1-0339H **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	Wheat Germ
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 STSRLLPARPSLSARKLSLQERPAGSYLEAQAGPYATGPASHISPRAWRRPTIESHH VAISDAEDCVQLNQYKQLQSEIGKGAYGVVRLAYNESEDRHYAMKVLKSKKLLKQYG FPRRPPPRGSQAAQGGPAKQLPLERVYQEIAILKLDHVNVLKIEVLDDPAEDNLY LALQNQAQNIQLDSTNIAKPHSLLPSEQQDSGSTWAARSVFDLLRKGPMVEVPCDK PFSEEQARLYLRDVILGLEYLHCQKIVHRDIKPSNLLLGGDDGHVKIADFGVSNQFEGN DAQLSSTAGTPAFMAPEAISDSGQSFSFGKALDVWATGVTLYCFVYGKCPFIDDFILA LHRKIKNEPVVFPPEGPEISEELKDLILKMLDKNPETRIGVPDIKLPVWTKNGEELPS EEEHCSVVEVTEEEVKNSVRLIPSWTTVILVKSMLRKRSFGNPFEPQARREERSMSA

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	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
mRNA Refseq	NM_032294

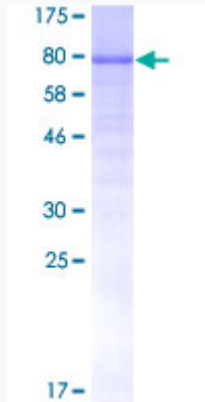
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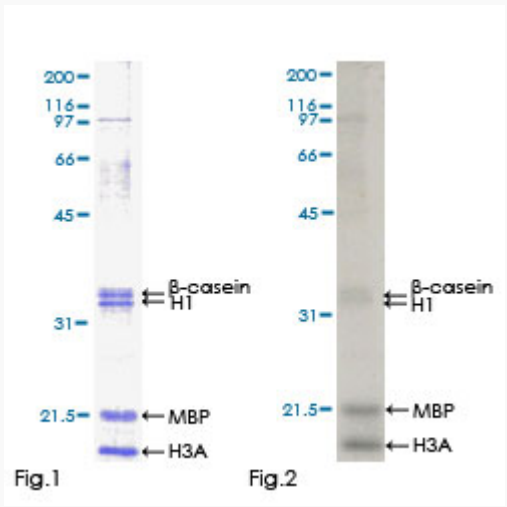
Protein Refseq	NP_115670
MIM	611411
UniProt ID	Q8N5S9

Quality Control Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

Application Image



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Kinase Assay

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