

Product datasheet for PH308102

CaMKK (CAMKK1) (NM_032294) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CAMKK1 MS Standard C13 and N15-labeled recombinant protein (NP_115670)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208102
Predicted MW:	55.7 kDa
Protein Sequence:	>RC208102 protein sequence Red=Cloning site Green=Tags(s)

MEGGPAVCCQDPRAELVERVAIDVTHLEEADGGPEPTRNGVDPPPRARAASVIPGSTSRLLPARPSLSA
RKLSLQERPAGSYLEAQAGPYATGPASHISPRAWRRPTIESHHVAISDAEDCVQLNQYKLQSEIGKGAYG
VVRLAYNESEDRHYAMKVL SKKKLLKQYGFRRPPPRGSQAAQGGPAKQLLPLERVYQEIAILKKLDHVN
VVKLIEVLDDPAEDNLYLVFDLLRKGPMVEVPCDKPFSEEQARLYLRDVLGLLEYLHCQKIVHRDIKPSN
LLLGGDGHVKIADFGVSNQFEGNDAQLSSTAGTPAFMAPEAISDSGQSFSGKALDVWATGVTL YCFVYGK
CPFIDDFILALHRKIKNEPVVFPPEEPEISEELKDLILKMLDKNPETRIGVPDIKLPWVTKNGEELPSE
EEHCSVVEVTEEEVKNSVRLIPSWTTVILVKSMLRKRSFGNPFEPQARREERSMSAPGNLLVKEGFGE
KSPPELPGVQEDEAAS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_115670</u>
RefSeq Size:	3583
RefSeq ORF:	1515



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Synonyms: CAMKKA

Locus ID: 84254

UniProt ID: [Q8N5S9](#)

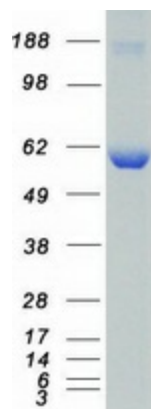
Cytogenetics: 17p13.2

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, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Adipocytokine signaling pathway

Product images:



Coomassie blue staining of purified CAMKK1 protein (Cat# [TP308102]). The protein was produced from HEK293T cells transfected with CAMKK1 cDNA clone (Cat# [RC208102]) using MegaTran 2.0 (Cat# [TT210002]).