

## Product datasheet for PH307444

### CaMKI gamma (CAMK1G) (NM\_020439) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CAMK1G MS Standard C13 and N15-labeled recombinant protein (NP_065172)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207444
Predicted MW:	53.1 kDa
Protein Sequence:	>RC207444 protein sequence Red=Cloning site Green=Tags(s)

MGRKEEDDCSSWKKQTTNIRKTFIFMEVLGSGAFSEVFLVKQRLTGKLFALKCIKKSPAFRDSSLENEIA  
VLLKIKHENIVTLEDIYESTTHYYLVMQLVSGGELFDRILERGVYTEKDALSVIQQVLSAVKYLHENGIV  
HRDLKPENLLYLTPPEENSKIMITDFGLSKMEQNGIMSTACGTPGYVAPEVLAQKPYSAVDCWSIGVITY  
ILLCGYPPFYEETESKLFKIKEGYYEFESPFWDDISESAKDFICHLLKDPNERYTCEKALSHPWIDGN  
TALHRDIYPSVSLQIQNFAKSKWRQAFNAAAVVHMRKLMNHLHSPGVRPEVENRPPETQASETSRPS  
PEITITEAPVLDHSVALPALQLPCQHRRPTAPGGRSLNCLVNGSLHISSSLVPMHQGSLAAGPCGCCS  
SCLNIGSKGKSSYCSEPTLLKKANKKQNFKSEVMVPVKASGSSHCRAGQTGVCLIM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_065172</a></u>
RefSeq Size:	2507
RefSeq ORF:	1428
Synonyms:	CLICK3; CLICKIII; dj272L16.1; VWS1



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Locus ID: 57172

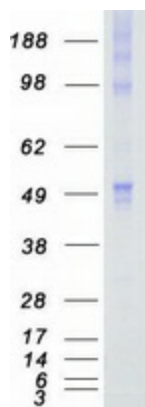
UniProt ID: [Q96NX5](#)

Cytogenetics: 1q32.2

Summary: This gene encodes a protein similar to calcium/calmodulin dependent protein kinase, however, its exact function is not known. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified CAMK1G protein (Cat# [TP307444]). The protein was produced from HEK293T cells transfected with CAMK1G cDNA clone (Cat# [RC207444]) using MegaTran 2.0 (Cat# [TT210002]).