

## Product datasheet for TP307444M

## OriGene Technologies, Inc.

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## CaMKI gamma (CAMK1G) (NM\_020439) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human calcium/calmodulin-dependent protein kinase IG (CAMK1G),

100 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone > or AA Sequence:

>RC207444 protein sequence Red=Cloning site Green=Tags(s)

Red=Cloning site Green=Lags(s)

MGRKEEDDCSSWKKQTTNIRKTFIFMEVLGSGAFSEVFLVKQRLTGKLFALKCIKKSPAFRDSSLENEIA
VLKKIKHENIVTLEDIYESTTHYYLVMQLVSGGELFDRILERGVYTEKDASLVIQQVLSAVKYLHENGIV
HRDLKPENLLYLTPEENSKIMITDFGLSKMEQNGIMSTACGTPGYVAPEVLAQKPYSKAVDCWSIGVITY
ILLCGYPPFYEETESKLFEKIKEGYYEFESPFWDDISESAKDFICHLLEKDPNERYTCEKALSHPWIDGN
TALHRDIYPSVSLQIQKNFAKSKWRQAFNAAAVVHHMRKLHMNLHSPGVRPEVENRPPETQASETSRPSS
PEITITEAPVLDHSVALPALTQLPCQHGRRPTAPGGRSLNCLVNGSLHISSSLVPMHQGSLAAGPCGCCS

SCLNIGSKGKSSYCSEPTLLKKANKKQNFKSEVMVPVKASGSSHCRAGQTGVCLIM

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK
Predicted MW: 52.9 kDa

Tredicted WW. 32.3 RDd

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.





RefSeq: NP 065172

Locus ID: 57172 UniProt ID: Q96NX5 RefSeq Size: 2507 **Cytogenetics:** 1q32.2 RefSeq ORF: 1428

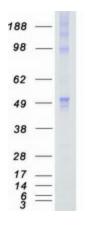
Synonyms: CLICK3; CLICKIII; dJ272L16.1; VWS1

**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]).