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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CAMK2G 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000818-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

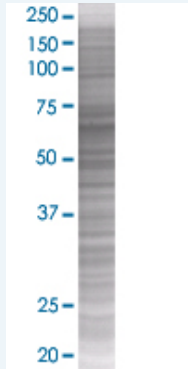
Plasmid: pCMV-CAMK2G full-length

Host: Human

Theoretical MW (kDa): 58.08

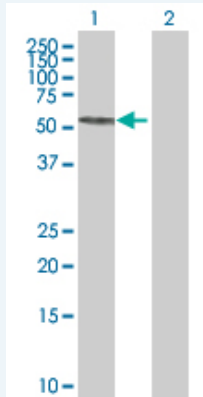
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CAMK2G antibody (H00000818-B01) by Western Blots.

SDS-PAGE Gel



CAMK2G transfected lysate.

Western Blot



Lane 1: CAMK2G transfected lysate (58.08 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [818](#)

GeneBank [BC034044](#)
Accession#:

Protein [AAH34044](#)
Accession#:

Gene Name: CAMK2G

Gene Alias: CAMK,CAMK-II,CAMKG,FLJ16043,MGC26678

Gene Description: calcium/calmodulin-dependent protein kinase II gamma

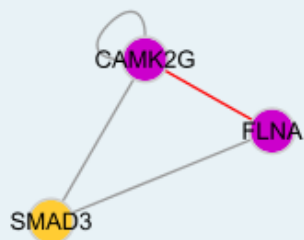
Omim ID: [602123](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a gamma chain. Six alternatively spliced variants that encode six different isoforms have been characterized to date. Additional alternative splice variants that encode different isoforms have been described, but their full-length nature has not been determined. [provided by RefSeq]

Other Designations: CaM kinase II,OTTHUMP00000019843,OTTHUMP00000019844,calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma

Interactome



Gene Pathway

[Calcium signaling pathway](#) [ErbB signaling pathway](#) [Glioma](#) [GnRH signaling pathway](#)
[Long-term potentiation](#) [Melanogenesis](#) [Neurotrophin signaling pathway](#)

[Olfactory transduction](#) [Wnt signaling pathway](#)

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