

Recombinant Full Length Human CAMK1G Protein, GST-tagged

Cat. No. CAMK1G-2725HF Lot. No. (See product label)

SPECIFICATION

Product Overview

Human CAMK1G full-length ORF (AAH32787, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

In Vitro Cell Free System

Protein Length

476 amino acids

Description

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

Molecular Mass


78.10 kDa

AA Sequence

MGRKEEDDCSSWKKQTTNIRKTFIFMEVLGSGAFSEVFLVKQRLTGKLFALKCIKKS
PAFRDSSLENEIAVLKIKHENIVTLEDIYESTTHYYLVMQLVSGGELFDRILRGVYT
EKDASLVIQQVLSAVKYLHENGIVHRDLKPENLLYLTPPEENSKIMITDFGLSKMEQNGI
MSTACGTPGYVAPEVLAQKPYSKAVDCWSIGVITYILLCGYPPFYEETESKLFEDIKE
GYEFESPFWDDISESAKDFICHILLEKDPNERYTCEKALSHPWIDGNTALHRDIYPSV
SLQIQKNFAKSKWRQAFNAAAVVHHMRKLHMNLHSPGVRPEVENRPPETQASETS
RPSSPEITITEAPVLDHSVALPALTQLPCQHGRRPTAPGGRSLNCLVNGSLHISSSLV
PMHQGSLAAGPCGCCSSCLNIGSKGKSSYCSEPTLLKANKKQNFKSEVMVPVKAS
GSSHCRAQTGVCLIM

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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	CAMK1G calcium/calmodulin-dependent protein kinase IG [Homo sapiens]
Official Symbol	CAMK1G
Synonyms	CAMK1G; calcium/calmodulin-dependent protein kinase IG; calcium/calmodulin-dependent protein kinase type 1G; CLICKIII; dJ272L16.1; VWS1; caMKIG; CLICK III; caMKI gamma; caM-KI gamma; caM kinase IG; caM kinase I gamma; caMK-like CREB kinase III;
Gene ID	57172
mRNA Refseq	NM_020439
Protein Refseq	NP_065172
MIM	614994

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UniProt ID

Q96NX5

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