

Recombinant Mouse Camk1g Protein, Myc/DDK-tagged

Cat. No. Camk1g-1944M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calcium/calmodulin-dependent protein kinase I gamma (Camk1g), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. In vitro phosphorylates transcription factor CREB1.
Molecular Mass	53.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Camk1g calcium/calmodulin-dependent protein kinase I gamma [Mus musculus (house mouse)]
Official Symbol	Camk1g
Synonyms	CAMK1G; calcium/calmodulin-dependent protein kinase I gamma; calcium/calmodulin-dependent protein kinase type 1G; caMKIG; CLICK III; caMKI gamma; caM-KI gamma; caM kinase IG; caM kinase I gamma; caMK-like CREB kinase III; CLICK-III; CaMKIgamma; MGC30513
Gene ID	215303
mRNA Refseq	NM_144817
Protein Refseq	NP_659066
UniProt ID	Q91VB2

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