

Recombinant Mouse Camk2g Protein, MYC/DDK-tagged

Cat. No. Camk2g-753M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse calcium/calmodulin-dependent protein kinase II gamma (Camk2g), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in cortex adult (RPKM 49.3), cerebellum adult (RPKM 39.7) and 26 other tissues.
Molecular Mass	56 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	Camk2g calcium/calmodulin-dependent protein kinase II gamma [Mus musculus (house mouse)]
Official Symbol	Camk2g
Synonyms	Camk2g; calcium/calmodulin-dependent protein kinase II gamma; Camkg; calcium/calmodulin-dependent protein kinase type II subunit gamma; Ca ²⁺ /calmodulin-dependent protein kinase II; CaMK II; caMK-II subunit gamma; EC 2.7.11.17
Gene ID	12325
mRNA Refseq	NM_001039139
Protein Refseq	NP_001034228
UniProt ID	Q923T9

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