

Recombinant Mouse Camk4 Protein, MYC/DDK-tagged

Cat. No. Camk4-754M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse calcium/calmodulin-dependent protein kinase IV (Camk4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in cerebellum adult (RPKM 21.8), cortex adult (RPKM 9.3) and 6 other tissues.
Molecular Mass	52.5 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	Camk4 calcium/calmodulin-dependent protein kinase IV [Mus musculus (house mouse)]
Official Symbol	Camk4
Synonyms	Camk4; calcium/calmodulin-dependent protein kinase IV; CaMKIV; AI666733; CaMKIV/Gr; D18Bwg0362e; A430110E23Rik; calcium/calmodulin-dependent protein kinase type IV; CAM kinase-GR; Ca ²⁺ /calmodulin-dependent protein kinase type IV/Gr; caMK IV; EC 2.7.11.17
Gene ID	12326
mRNA Refseq	NM_009793
Protein Refseq	NP_033923
UniProt ID	Q8BGR3

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