

Recombinant Mouse Camk2a Protein, MYC/DDK-tagged

Cat. No. Camk2a-751M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse calcium/calmodulin-dependent protein kinase II alpha (Camk2a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in cortex adult (RPKM 365.9) and frontal lobe adult (RPKM 310.4).
Molecular Mass	54.6 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	Camk2a calcium/calmodulin-dependent protein kinase II alpha [Mus musculus (house mouse)]
Official Symbol	Camk2a
Synonyms	Camk2a; calcium/calmodulin-dependent protein kinase II alpha; CaMKII; R74975; mKIAA0968; calcium/calmodulin-dependent protein kinase type II subunit alpha; CaMK II; alpha-CaMKII; caM kinase II subunit alpha; caMK-II subunit alpha; EC 2.7.11.17
Gene ID	12322
mRNA Refseq	NM_177407
Protein Refseq	NP_803126
UniProt ID	P11798

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