

## Recombinant Mouse Camk2a Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Biased expression in cortex adult (RPKM 365.9) and frontal lobe adult (RPKM 310.4).
<b>Molecular Mass</b>	54.6 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Camk2a calcium/calmodulin-dependent protein kinase II alpha [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Camk2a
<b>Synonyms</b>	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
<b>Gene ID</b>	12322
<b>mRNA Refseq</b>	NM_177407
<b>Protein Refseq</b>	NP_803126
<b>UniProt ID</b>	P11798

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