

## Recombinant Human CAMK4 Protein, MYC/DDK-tagged

Cat. No. CAMK4-2493H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAMK4 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	51.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	CAMK4 calcium/calmodulin-dependent protein kinase IV [ Homo sapiens ]
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<b>Official Symbol</b>	CAMK4
<b>Synonyms</b>	caMK; CaMK IV; CaMK-GR; IV
<b>Gene ID</b>	814
<b>mRNA Refseq</b>	NM_001744
<b>Protein Refseq</b>	NP_001735
<b>MIM</b>	114080
<b>UniProt ID</b>	Q16566

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