

Recombinant Human CAMK2B Protein, MYC/DDK-tagged

Cat. No. CAMK2B-2286H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CAMK2B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The product of this gene belongs to the serine/threonine protein kinase family and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells, the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a beta chain. It is possible that distinct isoforms of this chain have different cellular localizations and interact differently with calmodulin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	56.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CAMK2B calcium/calmodulin-dependent protein kinase II beta [Homo sapiens]
Official Symbol	CAMK2B
Synonyms	CAM2; CAMK2; CAMKB
Gene ID	816
mRNA Refseq	NM_001220
Protein Refseq	NP_001211
MIM	607707
UniProt ID	Q13554

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