

CAMK2B 抗原（重组蛋白）

中文名称：CAMK2B 抗原（重组蛋白）

英文名称：CAMK2B Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 14-272 amino acids of human CAMK2B

技术规格

Full name:	Calcium/calmodulin-dependent protein kinase type II subunit beta
Synonyms:	CAM2, CAMK2, CAMKB
Swissprot:	Q13554
Gene Accession:	BC019070
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. Eight transcript variants encoding eight distinct isoforms have been identified for this gene.