

## 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

<b>Full name:</b>	Calcium/calmodulin-dependent protein kinase type II subunit beta
<b>Synonyms:</b>	CAM2, CAMK2, CAMKB
<b>Swissprot:</b>	Q13554
<b>Gene Accession:</b>	BC019070
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.