

Recombinant Human CAMK2B

Catalog No: #GP10238

Package Size: #GP10238-1 100ug

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Description

Product Name	Recombinant Human CAMK2B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 14-272 amino acids of human Calcium/calmodulin-dependent protein kinase type II subunit beta
Target Name	Calcium/calmodulin-dependent protein kinase type II subunit beta
Other Names	CAM2, CAMK2, CAMKB
Accession No.	Swissprot:Q13554Gene Accession:BC019070
Uniprot	Q13554
GenelD	816;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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