

Active Recombinant Full Length Human CAMK2B Protein, GST-tagged

Cat. No. CAMK2B-9254HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CaMK2 β [1-503 amino acids of accession number NP_742078.1] was expressed as N- terminal GST-fusion protein (83 kDa) using baculovirus expression system. GST-CaMK2 β was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-503
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
Purity	74%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name	calcium/calmodulin-dependent protein kinase II beta
Official Symbol	CAMK2B
Synonyms	CAMK2B;CAM2;CAMK2;CAMKB;CaMKIIbeta;MRD54
Protein Refseq	NP_742078.1(iso5)
UniProt ID	Q13554

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