Active Recombinant Full Length Human CAMK2G Protein, GST-tagged

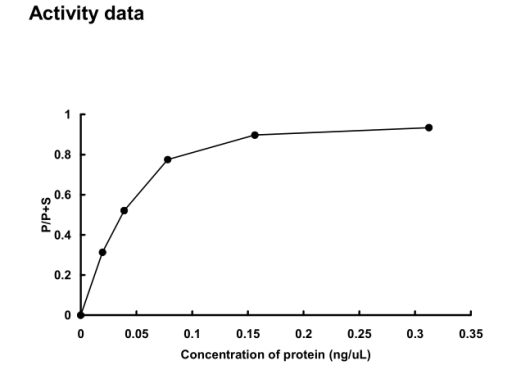
Cat. No. CAMK2G-6999HF **Lot. No.** (See product label)

SPECIFICATION

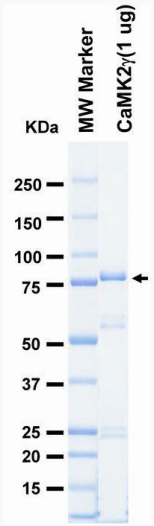
Product Overview	Full-length human CaMK2γ[1-518(end) amino acids of accession number NP_751910.1] was expressed as N-terminal GST-fusion protein (85 kDa) using baculovirus expression system. GST-CaMK2γ was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-518(end)
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. The enzyme was incubated with fluorecence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip ™3000.
Purity	63%
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 gamma
Official Symbol	CAMK2G
Synonyms	CAMK2G;CAMK;CAMK-II;CAMKG;MRD59
Protein Refseq	NP_751910.1
UniProt ID	Q13555
Activity data	 The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip ™3000.

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SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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