

# Active Recombinant Full Length Human CAMK4 Protein, GST-tagged

**Cat. No.** CAMK4-6379HF    **Lot. No.** (See product label)

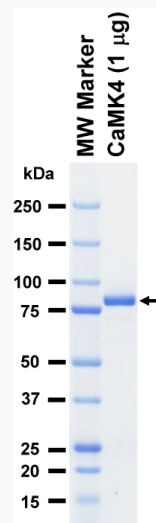
## SPECIFICATION

<b>Product Overview</b>	Full-length human CaMK4 [1-473(end) amino acids of accession number NP_001735.1] was expressed as N-terminal GST-fusion protein (79 kDa) using baculovirus expression system. GST-CaMK4 was purified by using glutathione sepharose chromatography.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	1-473(end)
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Bio-activity</b>	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.
<b>Purity</b>	98%
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at -80C. Avoid repeating freeze-thaws.

 Tel: 1-631-559-9269    1-516-512-3133

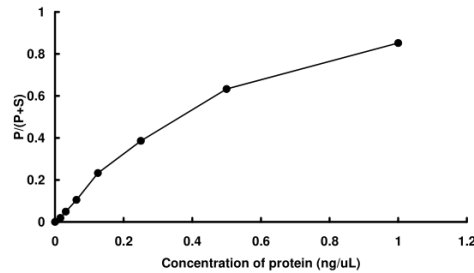
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**GENE INFORMATION****Gene Name** calcium/calmodulin-dependent protein kinase IV**Official Symbol** CAMK4**Synonyms** CAMK4;CaMKIV;CaMK-GR;CaMKIV;caMK**Protein Refseq** [NP\\_001735.1](#)**UniProt ID** [Q16566](#)**SDS-PAGE**

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

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**Activity data**
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