

# Active Recombinant Full Length Human CAMK1 Protein, GST-tagged

**Cat. No.** CAMK1-7206HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Full-length human CaMK1 $\alpha$ [1-370(end) amino acids of accession number NP_003647.1] was expressed as N-terminal GST-fusion protein (68 kDa) using baculovirus expression system. GST-CaMK1 $\alpha$ was purified by using glutathione sepharose chromatography.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	1-370(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>	79%
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at -80C. Avoid repeating freeze-thaws.

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

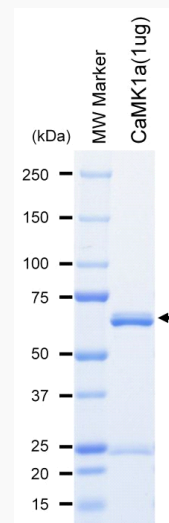
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	calcium/calmodulin-dependent protein kinase I
<b>Official Symbol</b>	CAMK1
<b>Synonyms</b>	CAMK1;CAMKI;CaMKI
<b>Protein Refseq</b>	<a href="#">NP_003647.1</a>
<b>UniProt ID</b>	<a href="#">Q14012</a>

## SDS-PAGE



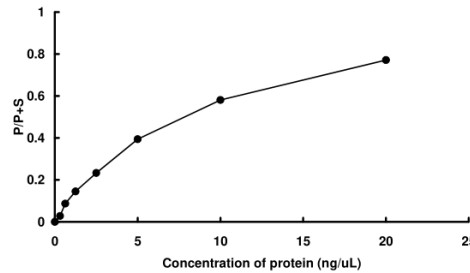
The purity was assessed by SDS-PAGE/CBB staining.

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Activity data



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