

Active Recombinant Full Length Human CAMK1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Full-length human CaMK1α [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-CaMK1α was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-370(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(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	79%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name calcium/calmodulin-dependent protein kinase I

Official Symbol CAMK1

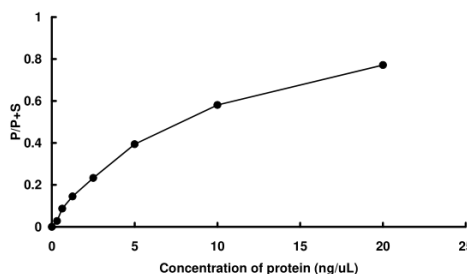
Synonyms CAMK1;CAMKI;CaMKI

Protein Refseq [NP_003647.1](#)

UniProt ID [Q14012](#)

Activity data

Activity data



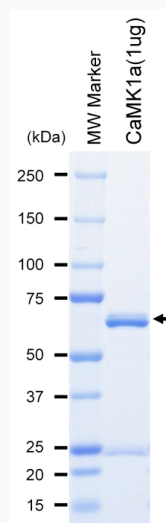
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SDS-PAGE



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

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