

Active Recombinant Full Length Human CAMK2D Protein, GST-tagged

Cat. No. CAMK2D-9327HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CaMK2δ [1-478 amino acids of accession number NP_742113.1] was expressed as N- terminal GST-fusion protein (81 kDa) using baculovirus expression system. GST-CaMK2δ was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-478
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 fluorescence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	82%
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 delta

Official Symbol CAMK2D

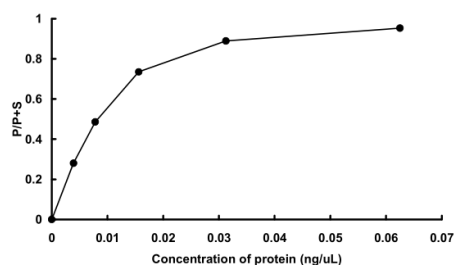
Synonyms CAMK2D;CAMKD

Protein Refseq [NP_742113.1](#)

UniProt ID [Q13557](#)

Activity data

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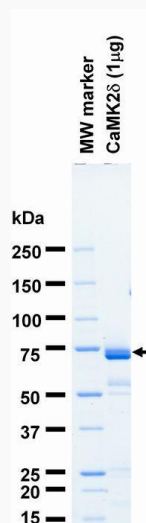
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SDS-PAGE



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

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