

## Active Recombinant Full Length Human CAMK2D Protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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.            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-478                                                                                                                                                                                                                                                        |
| <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. 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. |
| <b>Purity</b>           | 82%                                                                                                                                                                                                                                                          |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | 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

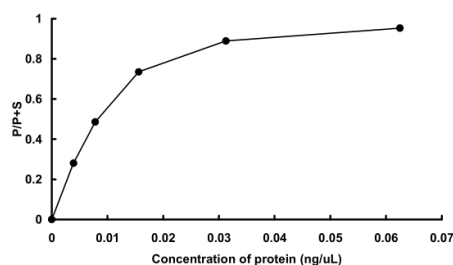
**Synonyms** CAMK2D;CAMKD

**Protein Refseq** [NP\\_742113.1](#)

**UniProt ID** [Q13557](#)

### Activity data

Activity data



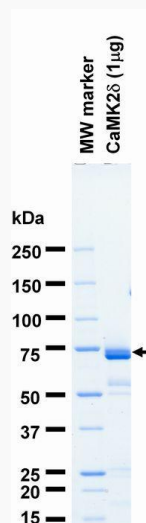
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## SDS-PAGE



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

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