

## Recombinant Human CAMK2D protein, His&Myc-tagged

**Cat. No.** CAMK2D-8675H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CAMK2D protein(Q13557)(2-499aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 2-499aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 63.7 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

ASTTTCTRFTDEYQLFEELGKGAFSVVRRCKIPTGQEYAAKIINTKKLSARDHQKLE  
 REARICRLLKHPNIVRLHDSISEEGFHYLVFDLVTGGELFEDIVAREYYSEADASHCIQ  
 QILESVNHCHLNGIVHRDLKPENLLLASKSKGA AVKLADFG LAIEVQGDQQAWFGFA  
 GTPGYLSPEVLRKDPY GKPVD MWACGVILYILLVGYPFWDEDQHRLYQQIKAGAY  
 DFPSPEWDTVTPEAKDLINKMLTINPAKRITASEALKHPWICQRSTVASMMHRQETV  
 DCLKKFNARRKLKGAILTTMLATRNFSAAKSLLKKPDGVKESTESSNTTIEDVDVKAR  
 KQEIIKVTEQLIEAINNGDFEAYTKICDPGLTAFEPEALGNLVEGMDFHRFYFENALSK  
 SNKPIHTIILNPHVHLVGDDAACIAYIRLTQYMDGSGMPKTMQSEETRVWHRRDGK  
 WQNVHFHRSGSPTVPIKPPCIPNGKENFSGGTS LWQNI

**GENE INFORMATION**

**Gene Name** [CAMK2D calcium/calmodulin-dependent protein kinase II delta \[ Homo sapiens \]](#)

**Official Symbol** [CAMK2D](#)

**Synonyms**

CAMK2D; calcium/calmodulin-dependent protein kinase II delta; calcium/calmodulin dependent protein kinase (CaM kinase) II delta , CAMKD; calcium/calmodulin-dependent protein kinase type II subunit delta; CaMK-II delta subunit; caMK-II subunit delta; CaM-kinase II delta chain; CaM kinase II delta subunit; caM kinase II subunit delta; calcium/calmodulin-dependent protein kinase type II delta chain; calcium/calmodulin-dependent protein kinase (CaM kinase) II delta; CAMKD; MGC44911; DKFZp686I2288; DKFZp686G23119;

**Gene ID** [817](#)

**mRNA Refseq** [NM\\_001221](#)

**Protein Refseq** [NP\\_001212](#)

**MIM** [607708](#)

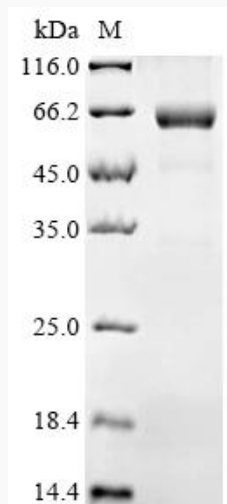
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**UniProt ID**

Q13557

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