

Recombinant Human CAMK2D protein, His-tagged

Cat. No. CAMK2D-5455H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMK2D protein(Q13557)(2-513aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-513aa
Form	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.
Molecular Mass	64.7 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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 AVKLADFGLAIEVQGDQQAWFGFA
 GTPGYLSPEVLRKDPYGKPVDMWACGVILYILLVGYPFWEDEDQHRLYQQIKAGAY
 DFPSPEWDTVTPEAKDLINKMLTINPAKRITASEALKHPWICQRSTVASMMHRQETV
 DCLKKFNARRKLKGAILTTMLATRNFSAAKSLKKPDGVKEPQTTVIHNPDGNKEST
 ESSNTTIEDEDVKARKQEIIKVTEQLIEAINNGDFEAYTKICDPGLTAFEPEALGNLVE
 GMDFHRFYFENALSKSNKPIHTIILNPHVHLVGDDAACIAYIRLTQYMDGSGMPKTM
 QSEETRVWHRRDGGKWQNVHFHRSGSPTVPIKPPCIPNGKENFSGGTSWQNI

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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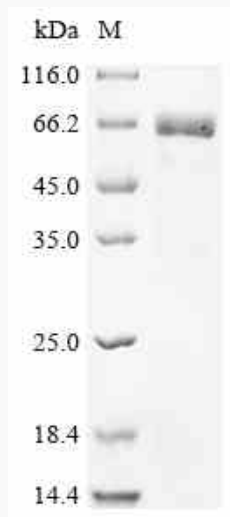
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UniProt ID

Q13557

SDS-PAGE

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