

Recombinant Full Length Human PRKCD protein, His-tagged

Cat. No. PRKCD-4495H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKCD protein(Q05655)(1-676aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-676aa
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	81.6 kDa
AA Sequence	<p>MAPFLRIAFNSYELGSLQAEDEANQPFCVAKMKEALSTERGKTLVQKKPTMYPEWK STFDAHIYEGRVIQIVLMRAAEPEVSEVTVGVSVLAERCKKNNNGKAEFWLDLQPQAK VLMSVQYFLEDVDCKQSMRSEDEAKFPTMNRREGAIKQAKIHYIKNHEFIATFFGQPT FCSVCKDFVWGLNKQGYKCRQCNAAIHKKCIDKIIGRCTGTAANSRDITFQKERFNID MPHRFKVHNYMSPTFCDHCGSLLWGLVKQGLKCEDCGMNVHHKCREKVANLCGI NQKLLAEALNQVTQRASRRSDSASSEPVGIYQGFEKKTGVAGEDMQDNSGTYGKI WEGSSKCNINNFIFHKVLGKGSFGKVLLGELKGRGEYFAIKALKKDVVLIDDDVECTM VEKRVLTAAENPFLTHLICTFQTKDHLFFVMEFLNGGDLMYHIQDKGRFELYRATFY AAEIMCGLQFLHSGIYRDLKLDNVLLDRDGHIKIADFGMCKENIFGESRASTFCGTP DYIAPEILQGLKYTFSVDWWSFGVLLYEMLIGQSPFHGDDEDELFEFESIRVDTPHYPR</p>

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WITKESKDILEKLFEREPTKRLGVTGNIKIHPFFKTINWTLLEKRRLEPPFRPKVKSPR
DYSNFDQEFLENEKARLSYSDKNLIDSMQSAFAGFSFVNPKEHLLLED

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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.

GENE INFORMATION

Gene Name PRKCD protein kinase C, delta [Homo sapiens]

Official Symbol PRKCD

Synonyms PRKCD; protein kinase C, delta; protein kinase C delta type; protein kinase C delta VIII; tyrosine-protein kinase PRKCD; MAY1; PKCD; nPKC-delta; MGC49908;

Gene ID 5580

mRNA Refseq NM_006254

Protein Refseq NP_006245

MIM 176977

UniProt ID Q05655

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