

Recombinant Human PRKCD, His-tagged

Cat. No. PRKCD-1954H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human PRKCD protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 326-676aa |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

GENE INFORMATION

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| 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 |

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| mRNA Refseq | NM_006254 |
| Protein Refseq | NP_006245 |
| MIM | 176977 |
| UniProt ID | Q05655 |
| Chromosome Location | 3p21.31 |
| Pathway | Alpha-synuclein signaling, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Ca-dependent events, organism-specific biosystem; |
| Function | ATP binding; calcium-independent protein kinase C activity; enzyme activator activity; enzyme binding; insulin receptor substrate binding; metal ion binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein C-terminus bi |

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