# Recombinant Human PRKAR2B, His-tagged

**Cat. No.** PRKAR2B-1952H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human PRKAR2B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-418aa |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

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| **Gene Name** | PRKAR2B protein kinase, cAMP-dependent, regulatory, type II, beta [ Homo sapiens ] |
| **Official Symbol** | PRKAR2B |
| **Synonyms** | PRKAR2B; protein kinase, cAMP-dependent, regulatory, type II, beta; PRKAR2; cAMP-dependent protein kinase type II-beta regulatory subunit; H_RG363E19.2; WUGSC:H_RG363E19.2; cAMP-dependent protein kinase type II-beta regulatory |

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| | chain; RII-BETA; |
| **Gene ID** | 5577 |
| **mRNA Refseq** | NM_002736 |
| **Protein Refseq** | NP_002727 |
| **MIM** | 176912 |
| **UniProt ID** | P31323 |
| **Chromosome Location** | 7q22.3 |
| **Pathway** | Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Aquaporin-mediated transport, organism-specific biosystem; Ca-dependent events, organism-specific biosystem; CaM pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calmodulin induced events, organism-specific biosystem; |
| **Function** | cAMP binding; cAMP-dependent protein kinase regulator activity; nucleotide binding; protein domain specific binding; ubiquitin protein ligase binding; |

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