

Recombinant Human PRKAR2B, His-tagged

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

SPECIFICATION

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°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

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;