

Recombinant Human PRKAR1B, GST-tagged

Cat. No. PRKAR1B-1951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKAR1B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-381aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PRKAR1B protein kinase, cAMP-dependent, regulatory, type I, beta [Homo sapiens]
Official Symbol	PRKAR1B
Synonyms	PRKAR1B; protein kinase, cAMP-dependent, regulatory, type I, beta; cAMP-dependent protein kinase type I-beta regulatory subunit; PRKAR1;
Gene ID	5575

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mRNA Refseq	NM_001164758
Protein Refseq	NP_001158230
MIM	176911
UniProt ID	P31321
Chromosome Location	7pter-p22
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;

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