Recombinant Human PRKAR2B protein, His-tagged

Cat. No. PRKAR2B-1953H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKAR2B protein(1-122 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-122 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSIEIPAGLTELLQGFTVEVLRHQPADLLEFALQHFTRLQQENERKGTARFCHEGRT WGDLGAAAGGGTPSKGVNFAEEPMQSDSEDGEEEEAAPADAGAFNAPVINRFTRR ASVCAEAYNP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage.

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	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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 chain; RII-BETA;
Gene ID	5577
mRNA Refseq	NM_002736
Protein Refseq	NP_002727
MIM	176912
UniProt ID	P31323

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