

Recombinant Mouse Prkar2b Protein, Myc/DDK-tagged

Cat. No. Prkar2b-5117M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein kinase, cAMP dependent regulatory, type II beta (Prkar2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.
Molecular Mass	46.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Prkar2b protein kinase, cAMP dependent regulatory, type II beta [Mus musculus (house mouse)]
Official Symbol	Prkar2b
Synonyms	PRKAR2B; protein kinase, cAMP dependent regulatory, type II beta; cAMP-dependent protein kinase type II-beta regulatory subunit; Pkarb2; AI451071; AW061005; RII(beta)
Gene ID	19088
mRNA Refseq	NM_011158
Protein Refseq	NP_035288
UniProt ID	P31324

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