

## Product datasheet for TP506576

### Prkar2b (NM\_011158) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein kinase, cAMP dependent regulatory, type II beta (Prkar2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206576 representing NM_011158 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSIEIPAGLTELLQGFTVEVLRHQPADLLEFALQHFTRLQQENERKGAARFGHEGRTWGDAGAAAGGGIP SKGVNFAEPMRSDSENGEEEEAAEAGAFNAPVINRFTRRASVCAEAYNPDEEEDDAESRIHPKTDQQR NRLQEACKDILLFKNLDPEQMSQVLDAMFEKLVKEGEHVIDQGDDGDNFYVIDRGTDFDIYVKCDGVGRCV GNYDNRGSGFELALMYNTPRAATITATSPGALWGLDRVTFRRIVKNNAKKRKMYESFIESLPFLKSLEV SERLKVVDVIGTKVYNDGEQIIAQGDLADFFIVESGEVKITMKRKGKSEVEENGAVEIARCFRGQYFGE LALVTNKPRAASAHAIQTVKCLAMDVQAFERLLGPCMEIMKRNIATYEEQLVALFGTNMDIVEPTA</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	46.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_035288</a>
Locus ID:	19088
UniProt ID:	<a href="#">P31324</a>



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<b>RefSeq Size:</b>	3358
<b>Cytogenetics:</b>	12 A3
<b>RefSeq ORF:</b>	1248
<b>Synonyms:</b>	AI451071; AW061005; Pkarb2; PKARIIbeta; RII(beta)
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]