

Recombinant Mouse Phkb Protein, MYC/DDK-tagged

Cat. No. Phkb-200M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse phosphorylase kinase beta (Phkb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The beta chain acts as a regulatory unit and modulates the activity of the holoenzyme in response to phosphorylation.
Molecular Mass	123.9 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 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Phkb phosphorylase kinase beta [Mus musculus (house mouse)]
Official Symbol	Phkb
Synonyms	Phkb; phosphorylase kinase beta; A1463271; phosphorylase b kinase regulatory subunit beta; EC 2.7.11.19
Gene ID	102093
mRNA Refseq	NM_199446
Protein Refseq	NP_955517
UniProt ID	Q7TSH2

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