Recombinant Mouse Ppp2r5b Protein, Myc/DDK-tagged

Cat. No. Ppp2r5b-5079M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 2, regulatory subunit B', beta (Ppp2r5b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	As the regulatory component of the serine/threonine-protein phosphatase 2A (PP2A) holoenzyme, modulates substrate specificity, subcellular localization, and responsiveness to phosphorylation. The phosphorylated form mediates the interaction between PP2A and AKT1, leading to AKT1 dephosphorylation.
Molecular Mass	57.3 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.

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GENE INFORMATION

Gene Name	Ppp2r5b protein phosphatase 2, regulatory subunit B', beta [Mus musculus (house mouse)]
Official Symbol	Ppp2r5b
Synonyms	PPP2R5B; protein phosphatase 2, regulatory subunit B (B56), beta isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform; Bbeta; BC026670
Gene ID	225849
mRNA Refseq	NM_198168
Protein Refseq	NP_937811
UniProt ID	Q6PD28

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