

Recombinant Full Length Mouse Ppp2r1a Protein, Myc/DDK-tagged

Cat. No. Ppp2r1a-5078M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 2, regulatory subunit A, alpha (Ppp2r1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. Upon interaction with GNA12 promotes dephosphorylation of microtubule associated protein TAU/MAPT. Required for proper chromosome segregation and for centromeric localization of SGO1 in mitosis.
Molecular Mass	65.3 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

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ppp2r1a protein phosphatase 2, regulatory subunit A, alpha [Mus musculus (house mouse)]
Official Symbol	Ppp2r1a
Synonyms	PPP2R1A; protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform; serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform; protein phosphatase PP2A; PP2A subunit A isoform R1-alpha; PP2A subunit A isoform PR65-alpha; serine/threonine protein phosphatase A subunit type 2A; PP2A; PR65; 6330556D22Rik
Gene ID	51792
mRNA Refseq	NM_016891
Protein Refseq	NP_058587
UniProt ID	Q76MZ3

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