

Recombinant Mouse Ppp1r14d Protein, Myc/DDK-tagged

Cat. No. Ppp1r14d-5063M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 1, regulatory inhibitor subunit 14D (Ppp1r14d), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Inhibitor of PPP1CA. Has inhibitory activity only when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.
Molecular Mass	16.8 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	Ppp1r14d protein phosphatase 1, regulatory inhibitor subunit 14D [Mus musculus (house mouse)]
Official Symbol	Ppp1r14d
Synonyms	PPP1R14D; protein phosphatase 1, regulatory (inhibitor) subunit 14D; protein phosphatase 1 regulatory subunit 14D; GBPI-1; PKC-dependent PP1 inhibitory protein subunit 14; gastrointestinal and brain-specific PP1-inhibitory protein 1; Ppp1r14; 2010107K19Rik
Gene ID	72112
mRNA Refseq	NM_028104
Protein Refseq	NP_082380
UniProt ID	Q7TT52

 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