

## Recombinant Mouse Ppp1r12a Protein, Myc/DDK-tagged

Cat. No. Ppp1r12a-5058M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length protein phosphatase 1, regulatory subunit 12A (Ppp1r12a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Key regulator of protein phosphatase 1C (PPP1C). Mediates binding to myosin. As part of the PPP1C complex, involved in dephosphorylation of PLK1. Capable of inhibiting HIF1AN-dependent suppression of HIF1A activity.
<b>Molecular Mass</b>	112.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Ppp1r12a protein phosphatase 1, regulatory subunit 12A [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ppp1r12a
<b>Synonyms</b>	PPP1R12A; protein phosphatase 1, regulatory (inhibitor) subunit 12A; protein phosphatase 1 regulatory subunit 12A; myosin phosphatase target subunit 1; myosin phosphatase, target subunit 1; myosin phosphatase-targeting subunit 1; Mypt1; AA792106; AV099298; D10Ert625e; 1200015F06Rik; 5730577122Rik; MGC159084
<b>Gene ID</b>	17931
<b>mRNA Refseq</b>	NM_027892
<b>Protein Refseq</b>	NP_082168
<b>UniProt ID</b>	Q9DBR7

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