

Recombinant Mouse Ppp1r11 Protein, Myc/DDK-tagged

Cat. No. Ppp1r11-5057M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 1, regulatory inhibitor subunit 11 (Ppp1r11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Atypical E3 ubiquitin-protein ligase which ubiquitinates TLR2 at 'Lys-754' leading to its degradation by the proteasome. Plays a role in regulating inflammatory cytokine release and gram-positive bacterial clearance by functioning, in part, through the ubiquitination and degradation of TLR2. Inhibitor of protein phosphatase 1.
Molecular Mass	14.5 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	Ppp1r11 protein phosphatase 1, regulatory inhibitor subunit 11 [Mus musculus (house mouse)]
Official Symbol	Ppp1r11
Synonyms	Ppp1r11; protein phosphatase 1, regulatory inhibitor subunit 11; HCG; HCG-; Hcgv; Tcte5; Tctex5; Tctex-5; AV117883; 1500041B02Rik; E3 ubiquitin-protein ligase PPP1R11; T-complex testis expressed protein 5; protein phosphatase 1 regulatory subunit 11; t-complex testis-expressed 5; EC 2.3.2.27
Gene ID	76497
mRNA Refseq	NM_029632
Protein Refseq	NP_083908
UniProt ID	Q8K1L5

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