

Recombinant Human PPP2R5C 293 Cell Lysate

Cat. No. PPP2R5C-2916HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 2, regulatory subunit B, gamma isoform (PPP2R5C), transcript variant 4 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PPP2R5C protein phosphatase 2, regulatory subunit B, gamma [Homo sapiens]

Official Symbol

PPP2R5C

Synonyms

PPP2R5C; protein phosphatase 2, regulatory subunit B, gamma; protein phosphatase 2, regulatory subunit B (B56), gamma isoform , protein phosphatase 2, regulatory subunit B, gamma isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform; B56G; PR61G; B alpha regulatory subunit; PP2A B subunit isoform B-gamma; PP2A B subunit isoform R5-gamma; PP2A B subunit isoform B56-gamma; PP2A B subunit isoform PR61-gamma; renal carcinoma antigen NY-REN-29; protein phosphatase 2, regulatory subunit B, gamma isoform; protein phosphatase 2, regulatory subunit B (B56), gamma isoform; MGC23064;

Gene ID

5527

mRNA Refseq

NM_178588

Protein Refseq

NP_848703

MIM

601645

UniProt ID

Q13362

**Chromosome
Location**

14q32.31

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Pathway

Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; DNA Replication, organism-specific biosystem;

Function

binding; peptidase activity; protein binding; protein phosphatase type 2A regulator activity; protein phosphatase type 2A regulator activity; protein phosphatase type 2A regulator activity;

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