

Recombinant Human PPP2R5C 293 Cell Lysate

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

SPECIFICATION

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.
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

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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

Pathway Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation

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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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