

Recombinant Human PPP2R5D 293 Cell Lysate

Cat. No. PPP2R5D-2914HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 2, regulatory subunit B, delta isoform (PPP2R5D), transcript variant 2 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

PPP2R5D protein phosphatase 2, regulatory subunit B, delta [Homo sapiens]

Official Symbol

PPP2R5D

Synonyms

PPP2R5D; protein phosphatase 2, regulatory subunit B, delta; protein phosphatase 2, regulatory subunit B (B56), delta isoform , protein phosphatase 2, regulatory subunit B, delta isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform; B56D; PP2A B subunit isoform B-delta; PP2A B subunit isoform R5-delta; PP2A B subunit isoform B56-delta; PP2A B subunit isoform PR61-delta; PP2A, B subunit, B delta isoform; PP2A, B subunit, R5 delta isoform; PP2A, B subunit, B56 delta isoform; PP2A, B subunit, PR61 delta isoform; protein phosphatase 2, regulatory subunit B, delta isoform; protein phosphatase 2, regulatory subunit B (B56), delta isoform; Serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, delta isoform; MGC2134; MGC8949;

Gene ID

5528

mRNA Refseq

NM_180976

Protein Refseq

NP_851307

MIM

601646

UniProt ID

Q14738

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Chromosome Location	6p21.1
Pathway	Activated TLR4 signalling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem;
Function	protein binding; protein phosphatase type 2A regulator activity;

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