

Recombinant Human PPP2R3C 293 Cell Lysate

Cat. No. PPP2R3C-2920HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma (PPP2R3C) 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 PPP2R3C protein phosphatase 2, regulatory subunit B, gamma [Homo sapiens]

Official Symbol PPP2R3C

Synonyms PPP2R3C; protein phosphatase 2, regulatory subunit B, gamma; C14orf10, chromosome 14 open reading frame 10 , protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma; serine/threonine-protein phosphatase 2A regulatory subunit B subunit gamma; FLJ20644; G4 1; G5PR; protein phosphatase subunit G5PR; rhabdomyosarcoma antigen MU-RMS-40.6A; rhabdomyosarcoma antigen Mu-RMS-40.6C; rhabdomyosarcoma antigen MU-RMS-40.6A/6C; protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma; G4-1; G5pr; C14orf10;

Gene ID 55012

mRNA Refseq NM_017917

Protein Refseq NP_060387

UniProt ID Q969Q6

Chromosome Location 14q13.2

Pathway Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; mRNA surveillance pathway, organism-specific biosystem;

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mRNA surveillance pathway, conserved biosystem;

Function

calcium ion binding;

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