

Recombinant Human PPP1R3C 293 Cell Lysate

Cat. No. PPP1R3C-2934HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 1, regulatory (inhibitor) subunit 3C (PPP1R3C) 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

PPP1R3C protein phosphatase 1, regulatory subunit 3C [Homo sapiens]

Official Symbol

PPP1R3C

Synonyms

PPP1R3C; protein phosphatase 1, regulatory subunit 3C; PPP1R5, protein phosphatase 1, regulatory (inhibitor) subunit 3C; protein phosphatase 1 regulatory subunit 3C; Phosphatase 1; regulatory inhibitor subunit 5; protein targeting to glycogen; PTG; PP1 subunit R5; protein phosphatase 1 regulatory subunit 5; Phosphatase 1, regulatory inhibitor subunit 5; protein phosphatase 1, regulatory (inhibitor) subunit 3C; PPP1R5;

Gene ID

5507

mRNA Refseq

NM_005398

Protein Refseq

NP_005389

MIM

602999

UniProt ID

Q9UQK1

Chromosome Location

10q23-q24

Pathway

Diurnally regulated genes with circadian orthologs, organism-specific biosystem;

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Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem;

Function

enzyme binding; protein binding; protein serine/threonine phosphatase activity;

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