

Recombinant Human PPP1R14D 293 Cell Lysate

Cat. No. PPP1R14D-2944HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 1, regulatory (inhibitor) subunit 14D (PPP1R14D), transcript variant 1 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

PPP1R14D protein phosphatase 1, regulatory (inhibitor) subunit 14D [Homo sapiens]

Official Symbol

PPP1R14D

Synonyms

PPP1R14D; protein phosphatase 1, regulatory (inhibitor) subunit 14D; protein phosphatase 1 regulatory subunit 14D; CPI17 like; FLJ20251; GBPI 1; gut and brain phosphatase inhibitor 1; MGC119014; MGC119016; PKC dependent PP1 inhibitory protein; PKC-dependent PP1 inhibitory protein; gastrointestinal and brain-specific PP1-inhibitory protein 1; GBPI1; GBPI-1; CPI17-like;

Gene ID

54866

mRNA Refseq

NM_001130143

Protein Refseq

NP_001123615

MIM

613256

UniProt ID

Q9NXH3

Chromosome Location

15q11.2-q14

Function

protein phosphatase inhibitor activity;

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