

Recombinant Human PPP2R2D 293 Cell Lysate

Cat. No. PPP2R2D-2922HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 2, regulatory subunit B, delta isoform (PPP2R2D), 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

PPP2R2D protein phosphatase 2, regulatory subunit B, delta [Homo sapiens]

Official Symbol

PPP2R2D

Synonyms

MDS026; serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform; PP2A subunit B isoform delta; PP2A subunit B isoform R2-delta; PP2A subunit B isoform B55-delta; PP2A subunit B isoform PR55-delta; protein phosphatase 2, regulatory subunit B, delta isoform

Gene ID

55844

mRNA Refseq

NM_001291310

Protein Refseq

NP_001278239

MIM

613992

UniProt ID

Q66LE6

Chromosome Location

10q26.3

Pathway

AMPK signaling pathway, organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; PI3K-Akt signaling pathway, organism-specific biosystem

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Function

protein phosphatase type 2A regulator activity

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