

Recombinant Human PTPRJ 293 Cell Lysate

Cat. No. PTPRJ-2675HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein tyrosine phosphatase, receptor type, J (PTPRJ), 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

[PTPRJ protein tyrosine phosphatase, receptor type, J \[Homo sapiens \]](#)

Official Symbol

PTPRJ

Synonyms

PTPRJ; protein tyrosine phosphatase, receptor type, J; receptor-type tyrosine-protein phosphatase eta; CD148; DEP1; HPTPeta; DEP-1; R-PTP-J; HPTP eta; CD148 antigen; density-enhanced phosphatase 1; protein-tyrosine phosphatase eta; human density enhanced phosphatase-1; protein-tyrosine phosphatase receptor type J; susceptibility to colon cancer 1, mouse, homolog of; protein tyrosine phosphatase, receptor type, J polypeptide; SCC1; R-PTP-ETA;

Gene ID

[5795](#)

mRNA Refseq

[NM_001098503](#)

Protein Refseq

[NP_001091973](#)

MIM

[600925](#)

UniProt ID

[Q12913](#)

Chromosome Location

11p11.2

Pathway

Adherens junction, organism-specific biosystem; Adherens junction, conserved

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

biosystem; PDGFR-beta signaling pathway, organism-specific biosystem; Signaling events mediated by Hepatocyte Growth Factor Receptor (c-Met), organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function

beta-catenin binding; delta-catenin binding; gamma-catenin binding; hydrolase activity; mitogen-activated protein kinase binding; phosphatase activity; phosphatase activity; platelet-derived growth factor receptor binding; protein binding; protein kinase binding; protein tyrosine phosphatase activity; protein tyrosine phosphatase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA