

Recombinant Human PTPRR 293 Cell Lysate

Cat. No. PTPRR-2671HCL Lot. No. (See product label)

SPECIFICATION

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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	PTPRR protein tyrosine phosphatase, receptor type, R [Homo sapiens]
Official Symbol	PTPRR
Synonyms	PTPRR; protein tyrosine phosphatase, receptor type, R; PTPRQ; receptor-type tyrosine-protein phosphatase R; EC PTP; PCPTP1; PTP SL; PTPBR7; R-PTP-R; NC-PTPCOM1; ch-1PTPase; Ch-1 PTPase; protein-tyrosine phosphatase PCPTP1; protein tyrosine phosphatase Cr1PTPase; protein-tyrosine phosphatase NC-PTPCOM1; EC-PTP; PTP-SL; FLJ34328; MGC131968; MGC148170; DKFZp781C1038;
Gene ID	5801
mRNA Refseq	NM_001207015
Protein Refseq	NP_001193944
MIM	602853
UniProt ID	Q15256
Chromosome Location	12q15
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem;

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Function

hydrolase activity; protein kinase binding; protein tyrosine phosphatase activity;
receptor activity; transmembrane receptor protein tyrosine phosphatase activity;

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