Recombinant Human PTPRC cell lysate

Cat. No. PTPRC-3046HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PTPRC, transcript variant 1, derived in Human HEK293T cell line.
Species	Human
Source	HEK293
ProteinLength	1-1306 aa
Form	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer
Molecular Mass	147.1 kDa
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles.Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	PTPRC protein tyrosine phosphatase, receptor type, C [Homo sapiens]
Official Symbol	PTPRC

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Synonyms	PTPRC; protein tyrosine phosphatase, receptor type, C; CD45; receptor-type tyrosine-protein phosphatase C; GP180; LCA; T200; CD45 antigen; T200 glycoprotein; leukocyte common antigen; leukocyte-common antigen; T200 leukocyte common antigen; protein tyrosine phosphatase, receptor type, c polypeptide; LY5; B220; L-CA; CD45R;
Gene ID	5788
mRNA Refseq	NM_002838
Protein Refseq	NP_002829
MIM	151460
UniProt ID	P08575
Chromosome Location	1q31-q32
Pathway	Adaptive Immune System, organism-specific biosystem; Axon guidance, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;
Function	hydrolase activity; protein binding; protein kinase binding; protein tyrosine phosphatase activity; receptor activity; transmembrane receptor protein tyrosine phosphatase activity;

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