

Active Recombinant Human PTPRC Protein, His-tagged

Cat. No. PTPRC-133H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRC Protein (Gln24-Lys575) is produced by NS0-derived expression system. This protein is fused with a His tag at the C-terminal.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln24-Lys575
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When 1 µg/mL of rhCD45 is captured onto a Mouse Anti-polyHistidine Monoclonal Antibody coated plate, the concentration of rhGalectin-1 that produces 50% of the optimal binding is found to be approximately 0.35-1.4 µg/mL.
Molecular Mass	61.6 kDa
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied.

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1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in PBS.

GENE INFORMATION

Gene Name PTPRC protein tyrosine phosphatase receptor type C [Homo sapiens (human)]

Official Symbol PTPRC

Synonyms B220; CD45 antigen; CD45; CD45R; EC 3.1.3.48; LCA; L-CA; LY5; PTPRC; T200 Glycoprotein;

Gene ID 5788

mRNA Refseq NM_002838

Protein Refseq NP_002829

UniProt ID P08575

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