

Recombinant Human PTPRC protein, His-tagged

Cat. No. PTPRC-2362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRC protein(Gln26-Lys575)(NP_002829.3), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln26-Lys575
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human CD45 consists of 563 amino acids and predicts a molecular mass of 62.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the protein is approximately 120-170 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PTPRC protein tyrosine phosphatase, receptor type, C \[Homo sapiens \]](#)

Official Symbol [PTPRC](#)

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](#)

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