

Active Recombinant Human PTPRC, Fc-tagged

Cat. No. PTPRC-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PTPRC(NP_563578.1) (Met 1-Lys 414) was expressed in Human Cells, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-414 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated human Galectin-1 in a functional ELISA.
Molecular Mass	The recombinant mature human CD45/Fc chimeric protein consists of 629 amino acids and has a calculated molecular mass of 71.1 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD45/Fc monomer is approximately 125-135 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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](#)

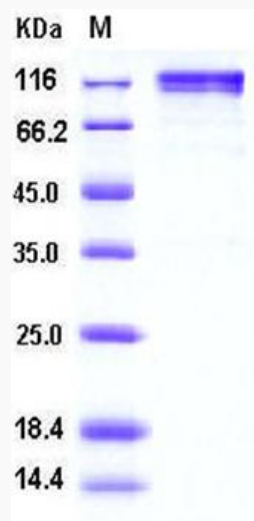
MIM [151460](#)

UniProt ID [P08575](#)

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SDS-PAGE

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