

Active Recombinant Human PTPRC protein, His-tagged, Low Endotoxin

Cat. No. PTPRC-3945H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTPRC protein(P08575-3)(Gln26-Lys577), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-577 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD45, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD45 Antibody, hFc Tag with the EC50 of 34.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 61.9 kDa. Due to glycosylation, the protein migrates to 118-150 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

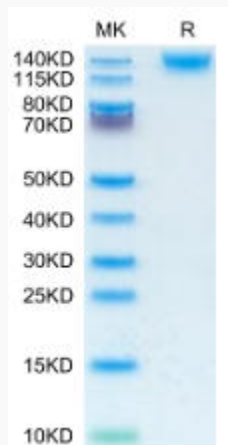
UniProt ID P08575

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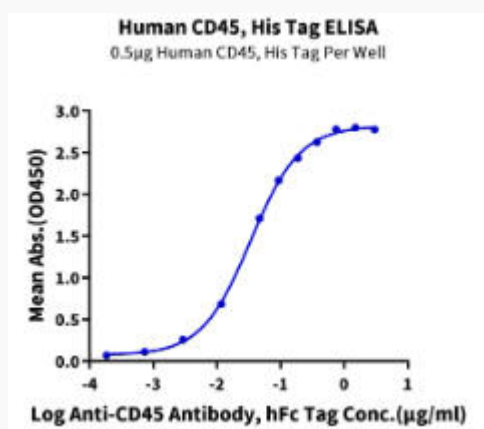
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Bis-Tris PAGE



ELISA Data



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