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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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