

Active Recombinant Mouse Ptprc, His-tagged

Cat. No. Ptprc-684M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ptprc (Accession # NP_001104786) Gln24-Lys564, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	24-564 a.a.
Predicted N Terminal	No results obtained: Gln24 predicted
Form	Lyophilized from a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its binding ability in a functional ELISA. When 0.5 µg/mL of rmCD45 is captured onto a mouse anti-Polyhis antibody coated plate, the concentration of rmGalectin-1 that produces 50% of the optimal binding is found to be approximately 0.45 - 1.8 µg/mL.
Molecular Mass	Recombinant Mouse Ptprc, His-tagged has a calculated MW of 59.5 kDa. In SDS-PAGE migrates as 140-160 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 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

months (-70°C).

GENE INFORMATION

Gene Name	Ptprc protein tyrosine phosphatase, receptor type, C [Mus musculus]
Official Symbol	Ptprc
Synonyms	PTPRC; protein tyrosine phosphatase, receptor type, C; receptor-type tyrosine-protein phosphatase C; L-CA; lymphocyte antigen 5; leukocyte common antigen; lymphocyte common antigen; loc; B220; Cd45; Ly-5; T200; CD45R; Lyt-4;
Gene ID	19264
mRNA Refseq	NM_001111316
Protein Refseq	NP_001104786
MIM	

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