

## Active Recombinant Mouse Ptprc protein(Arg453-Ser1152)

**Cat. No.** Ptprc-550M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ptprc protein(AAA39458.1)(Arg453-Ser1152) was expressed in Insect Cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Arg453-Ser1152
<b>similar</b>	Ptprc
<b>Alias</b>	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;
<b>Conjugate</b>	N/A
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, 3mM DTT, pH 7.4.
<b>Bioactivity</b>	1. The specific activity was determined to be 9168 nmol/min/mg using p-nitrophenyl phosphate as substrate. 2. Measured by its binding ability in a functional ELISA. Immobilized mouse PTPRC (453-1152) at 10 µg/ml (100 µl/well) can bind biotinylated human Galectin-1 with a linear range of 0.31-2.5 µg/ml.
<b>MolecularMass</b>	The recombinant mouse PTPRC consists of 706 amino acids and has a calculated

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	molecular mass of 81 kDa. The recombinant protein migrates as an approximately 93 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>GeneName</b>	Ptprc protein tyrosine phosphatase, receptor type, C [ Mus musculus ]
<b>GeneNameWeblink</b>	<a href="#">19264</a>
<b>OfficialSymbol</b>	Ptprc
<b>OfficialSymbolWeblink</b>	<a href="#">19264</a>
<b>GeneID</b>	19264
<b>GeneIDWeblink</b>	<a href="#">19264</a>
<b>mRNARefseq</b>	NM_001111316
<b>mRNARefseqWeblink</b>	<a href="#">NM_001111316.1</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_001104786.1</a>

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<b>MIMWeblink</b>	
<b>UniProtID</b>	
<b>UniProtIDWeblink</b>	
<b>GENE INFORMATION</b>	
<b>Synonyms</b>	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;
<b>MIM</b>	

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