

Active Recombinant Mouse Ptprc protein(Arg453-Ser1152)

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

SPECIFICATION

Product Overview	Recombinant Mouse Ptprc protein(AAA39458.1)(Arg453-Ser1152) was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Arg453-Ser1152
similar	Ptprc
Alias	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;
Conjugate	N/A
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, 3mM DTT, pH 7.4.
Bioactivity	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.
MolecularMass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	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.
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.
GeneName	Ptpcr protein tyrosine phosphatase, receptor type, C [Mus musculus]
GeneNameWeblink	19264
OfficialSymbol	Ptpcr
OfficialSymbolWeblink	19264
GenelD	19264
GenelDWeblink	19264
mRNARefseq	NM_001111316
mRNARefseqWeblink	NM_001111316.1
ProteinRefseqWeblink	NP_001104786.1

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MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
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;
MIM	

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