Acitve Recombinant Mouse PTPRC protein(Arg453-Ser1152), His&GST-tagged

Cat. No. PTPRC-1314M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PTPRC (AAA39458.1)(Arg453-Ser1152) was expreesed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Arg453-Ser1152
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 0.5mM GSH, 3mM DTT, pH 7.4, 10% gly.
Bio-activity	1. Measured by its ability to cleave a substRate, pNitrophenyl phosphate (pNPP). The specific activity is >50,000 pmoles/min/μg. 2. Measured by its ability to bind biotinylated Galectin-1 in a functional ELISA.
Molecular Mass	The recombinant Mouse PTPRC/GST chimera consists of 937 amino acids and has a calculated molecular mass of 108.2 kDa. The recombinant protein migRates as an approximately 110 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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

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.

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

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