

## Recombinant Mouse Ptprc, DDDDK tagged

**Cat. No.** PTPRC-480M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Ptprc (Arg453-Ser1152), fused with five amino acids (DDDDK) at the C-terminus, was produced in Baculovirus-Insect cells.                                                                     |
| <b>Species</b>              | Mouse                                                                                                                                                                                                          |
| <b>Source</b>               | Insect Cells                                                                                                                                                                                                   |
| <b>ProteinLength</b>        | 453-1152 a.a.                                                                                                                                                                                                  |
| <b>Predicted N Terminal</b> | Arg 453                                                                                                                                                                                                        |
| <b>Form</b>                 | Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, 3mM DTT, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                            |
| <b>Molecular Mass</b>       | The recombinant mouse PTPRC consists of 706 amino acids and has a calculated 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>               | >95 % as determined by SDS-PAGE                                                                                                                                                                                |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                      |

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**Storage**

Store it under sterile conditions at -20oC~-70oC. 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. 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

**Gene ID**

19264

**mRNA Refseq**

NM\_001111316

**Protein Refseq**

NP\_001104786

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