

## Recombinant Human PTPRJ Protein, GST-tagged, Active

Cat. No. PTPRJ-2259H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPRJ Protein is produced by Sf9 insect cells expression system. This protein is fused with a GST tag at the N-terminal.
<b>Species</b>	Human
<b>Source</b>	Insect cells
<b>Description</b>	Receptor-type tyrosine-protein phosphatase eta or protein-tyrosine phosphatase receptor type J (R-PTP-J or CD148) are membrane protein tyrosine phosphatase initially identified on the membrane of HeLa and F-36P human leukemic cells. It contains an extracellular portion compromised of eight fibronectin III domains, a transmembrane segment and an intracytoplasmic tail which contains a single PTP domain. The presence of fibronectin III motifs in the extracellular domain suggest its possible involvement in cell adhesion processes.
<b>Form</b>	Recombinant protein stored in 20 mM MOPS, pH 7.5, 300 mM NaCl, 10 mM glutathione, 0.25 mM DTT, 0.1 mM PMSF, 25% glycerol.
<b>Molecular Mass</b>	65 kDa
<b>Applications</b>	Phosphatase Assay; Western Blot
<b>Storage</b>	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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**GENE INFORMATION****Gene Name** PTPRJ protein tyrosine phosphatase, receptor type, J [ Homo sapiens ]**Official Symbol** PTPRJ**Synonyms** PTPRJ; CD148; DEP1; HPTPeta; DEP-1; R-PTP-J; HPTP eta; CD148 antigen; SCC1; R-PTP-ETA;**Gene ID** 5795**mRNA Refseq** NM\_001098503**Protein Refseq** NP\_001091973**MIM** 600925**UniProt ID** Q12913

The specific activity of PIPRJ was determined to be 95000 nmol phosphate related /min/mg.

The purity of PIPRJ was determined to be 95% by densitometry. Approx. MW 65kDa.

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