

Recombinant Human PTPRJ Protein, GST-tagged, Active

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

SPECIFICATION

Product Overview	Recombinant Human PTPRJ Protein is produced by Sf9 insect cells expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	Insect cells
Description	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.
Form	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.
Molecular Mass	65 kDa
Applications	Phosphatase Assay; Western Blot
Storage	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 PTPRJ was determined to be 95000 nmol phosphate related /min/mg.

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

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