

## 32-13697: PTPRN Human

- Format :** PTPRN is supplied in 50mM Sodium phosphate (pH 8.0) and 20% Glycerol.
- Alternative Name :** Receptor-type tyrosine-protein phosphatase-like N, R-PTP-N, Islet cell antigen 512, ICA 512, Islet cell autoantigen 3, PTP IA-2, PTPRN, ICA3, ICA512.

### Description

Source:Sf9 insect cells.

Physical Appearance: Sterile Filtered colorless solution.

Biological Activity: null

Protein Tyrosine Phosphatase Receptor Type N (PTPRN) is a catalytically inactive protein and a major target of autoimmune response in diabetes mellitus. The long C-terminal intracellular tail covers the majority of autoantibody epitopes. PTPRN is expressed in neural, neuroendocrine and pancreatic islet cells.

Recombinant Human Protein Tyrosine Phosphatase Receptor Type N produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 46kDa. PTPRN is expressed with a 6xHis tag and purified by proprietary chromatographic techniques.

### Product Info

- Amount :** 100 µg / 50 µg
- Purification :** Greater than 95.0% as determined by SDS-PAGE.
- Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.