



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PTPRN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005798-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

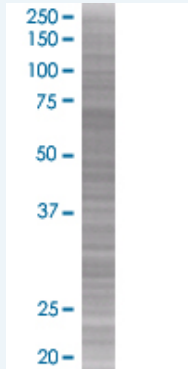
**Plasmid:** pCMV-PTPRN full-length

**Host:** Human

**Theoretical MW (kDa):** 65.01

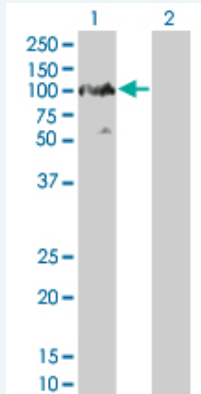
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PTPRN antibody ([H00005798-B01](#)) by Western Blots.

#### SDS-PAGE Gel



PTPRN transfected lysate

#### Western Blot



Lane 1: PTPRN transfected lysate ( 65.01 KDa).

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

**Entrez GeneID:** [5798](#)

**GeneBank  
Accession#:** [BC007713](#)

**Protein  
Accession#:** [AAH07713](#)

**Gene Name:** PTPRN

**Gene Alias:** FLJ16131,IA-2,IA-2/PTP,IA2,ICA512,R-PTP-N

**Gene  
Description:** protein tyrosine phosphatase, receptor type, N

**Omim ID:** [601773](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and a single catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. [provided by RefSeq]

**Other  
Designations:** islet cell antigen 2,islet cell antigen 512,islet cell autoantigen 3,protein tyrosine phosphatase-like N

### Gene Pathway

[Type I diabetes mellitus](#)

### Related Disease

[Diabetes Mellitus, Type 1](#)

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