



# 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

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PTPRN (Human) Recombinant Protein (Q01)

**Catalog Number:** H00005798-Q01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PTPRN partial ORF ( NP\_002837, 205 a.a. - 311 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

LLQPYLFHQFGSRDGSRVSEGSPPGMVSVGPLPKAEA  
PALFSRTASKGIFGDHPGHSYGDLPGPSAQLFQDSG  
LLYLAQELPAPSRARVPRLPEQGSSSRAEDSPEG

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 37.51

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

**Entrez GeneID:** 5798

**Gene Symbol:** PTPRN

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

**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]