



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PTPN9 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00005780-Q01

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

**Product Description:** Human PTPN9 partial ORF ( NP\_002824.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MEPATAPRPDMAPELTPEEEQATKQFLEEINKWTVQY  
NVSPLSWNVAVKFLMARKFDVLRRAIELFHSYRETRRK  
EGIVKLPHEEPLRSEILSGKFTILN

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

**Theoretical MW (kDa):** 36.74

**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:** 5780

**Gene Symbol:** PTPN9

**Gene Alias:** MEG2, PTPMEG2

**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 contains an N-terminal domain that shares a significant similarity with yeast SEC14, which is a protein that has phosphatidylinositol transfer activity and is required for protein secretion through the Golgi complex in yeast. This PTP was found to be activated by polyphosphoinositide, and is thought to be involved in signaling events regulating phagocytosis. [provided by RefSeq]