



# 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

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## PTPN11 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005781-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

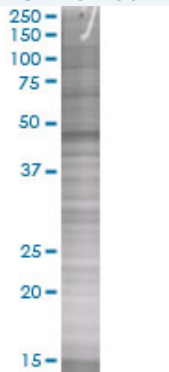
**Plasmid:** pCMV-PTPN11 full-length

**Host:** Human

**Theoretical MW (kDa):** 52.8

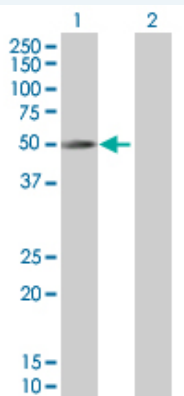
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PTPN11 antibody (H00005781-B02) by Western Blots.

#### SDS-PAGE Gel



PTPN11 transfected lysate

#### Western Blot



Lane 1: PTPN11 transfected lysate ( 52.8 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

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### Gene Information

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**Entrez GeneID:** [5781](#)

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**GeneBank  
Accession#:** [BC008692](#)

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**Protein  
Accession#:** [AAH08692](#)

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**Gene Name:** PTPN11

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**Gene Alias:** BPTP3,CFC,MGC14433,NS1,PTP-1D,PTP2C,SH-PTP2,SH-PTP3,SHP2

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**Gene  
Description:** protein tyrosine phosphatase, non-receptor type 11

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**Omim ID:** [151100](#), [163950](#), [176876](#), [607785](#)

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

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**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 two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia. [provided by RefSeq]

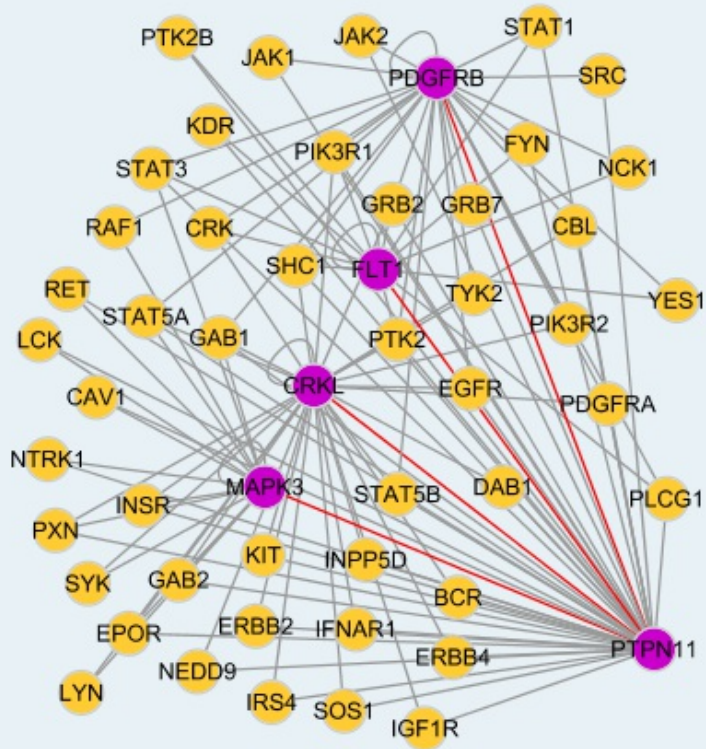
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**Other  
Designations:** protein tyrosine phosphatase-2,protein-tyrosine phosphatase 2C

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### Interactome

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### Gene Pathway

[Adipocytokine signaling pathway](#)
[Chronic myeloid leukemia](#)  
[Epithelial cell signaling in Helicobacter pylori infection](#)
[Jak-STAT signaling pathway](#)  
[Leukocyte transendothelial migration](#)
[Natural killer cell mediated cytotoxicity](#)  
[Neurotrophin signaling pathway](#)
[Renal cell carcinoma](#)

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[Atrophy](#)
[Cardiovascular Diseases](#)
[Celiac Disease](#)
[Cleft Lip](#)  
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