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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN11 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005781-T03

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

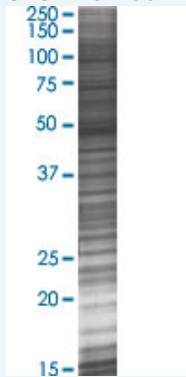
Plasmid: pCMV-PTPN11 full-length

Host: Human

Theoretical MW (kDa): 52.8

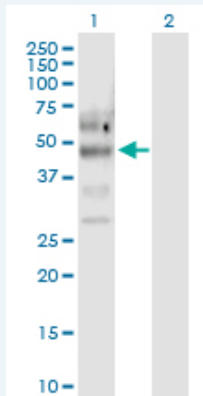
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTPN11 antibody (H00005781-D01P) by Western Blots.

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

Gene Information

Entrez GeneID: [5781](#)

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

**Protein
Accession#:** [AAH08692.1](#)

Gene Name: PTPN11

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

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

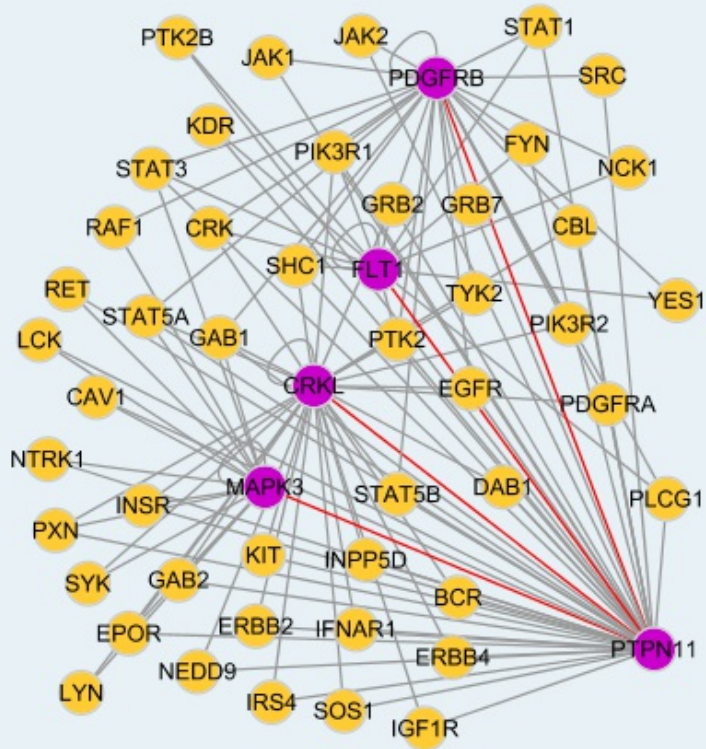
Omim ID: [151100](#), [163950](#), [176876](#), [607785](#)

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 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]

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

Interactome



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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