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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005778-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

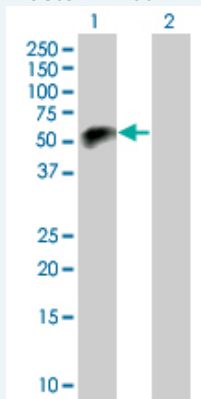
Plasmid: pCMV-PTPN7 full-length

Host: Human

Theoretical MW (kDa): 39.71

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTPN7 antibody ([H00005778-B01](#)) by Western Blots.

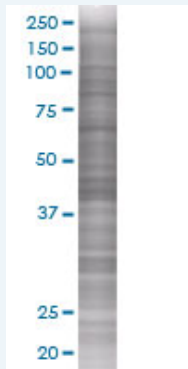
Western Blot



Lane 1: PTPN7 transfected lysate (39.6 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel



PTPN7 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [5778](#)

**GeneBank
Accession#:** [BC001746](#)

**Protein
Accession#:** [AAH01746](#)

Gene Name: PTPN7

Gene Alias: BPTP-4,HEPTP,LC-PTP,LPTP,PTPNI

**Gene
Description:** protein tyrosine phosphatase, non-receptor type 7

Omim ID: [176889](#)

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 gene is preferentially expressed in a variety of hematopoietic cells, and is an early response gene in lymphokine stimulated cells. The noncatalytic N-terminus of this PTP can interact with MAP kinases and suppress the MAP kinase activities. This PTP was shown to be involved in the regulation of T cell antigen receptor (TCR) signaling, which was thought to function through dephosphorylating the molecules related to MAP kinase pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000034115,dual specificity phosphatase 1, hematopoietic protein-tyrosine phosphatase, protein-tyrosine phosphatase, nonreceptor-type, stress induced

Gene Pathway

[MAPK signaling pathway](#)

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