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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005777-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

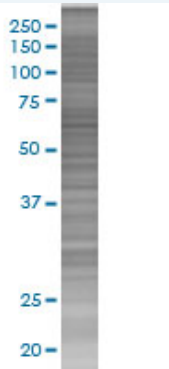
Plasmid: pCMV-PTPN6 full-length

Host: Human

Theoretical MW (kDa): 67.6

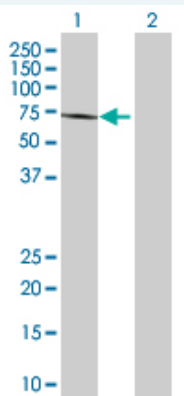
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTPN6 antibody (H00005777-B01) by Western Blots.

SDS-PAGE Gel



PTPN6 transfected lysate.

Western Blot



Lane 1: PTPN6 transfected lysate (67.6 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: [5777](#)

GeneBank Accession#: [NM_002831](#)

Protein Accession#: [NP_002822](#)

Gene Name: PTPN6

Gene Alias: HCP,HCPH,HPTP1C,PTP-1C,SH-PTP1,SHP-1,SHP-1L,SHP1

Gene Description: protein tyrosine phosphatase, non-receptor type 6

Omim ID: [176883](#)

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. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq]

Other Designations: hematopoietic cell phosphatase, hematopoietic cell protein-tyrosine phosphatase, protein-tyrosine phosphatase 1C

Gene Pathway

[Adherens junction](#) [B cell receptor signaling pathway](#) [Jak-STAT signaling pathway](#)
[Natural killer cell mediated cytotoxicity](#) [T cell receptor signaling pathway](#)

Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Cerebral Amyloid Angiopathy](#)
[Genetic Predisposition to Disease](#) [Lupus Erythematosus, Systemic](#) [Neuroblastoma](#)