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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPRN2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005799-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

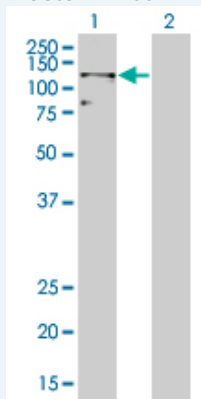
Plasmid: pCMV-PTPRN2 full-length

Host: Human

Theoretical MW (kDa): 108.57

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTPRN2 antibody ([H00005799-B01](#)) by Western Blots.

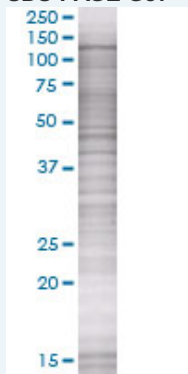
Western Blot



Lane 1: PTPRN2 transfected lysate (108.1 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel



PTPRN2 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: [5799](#)

GeneBank Accession#: [NM_130843](#)

Protein Accession#: [NP_570858](#)

Gene Name: PTPRN2

Gene Alias: IA-2beta, IAR, ICAAR, PTPRP

Gene Description: protein tyrosine phosphatase, receptor type, N polypeptide 2

Omim ID: [601698](#)

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 possesses an extracellular region, a single transmembrane region, and a single intracellular catalytic domain, and thus represents a receptor-type PTP. The catalytic domain of this PTP is most closely related to PTPRN/IA-2beta. This PTP and PTPRN are both found to be major autoantigens associated with insulin-dependent diabetes mellitus. Three alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported. [provided by RefSeq]

Other Designations: IAR/receptor-like protein-tyrosine phosphatase, phogrin, protein tyrosine phosphatase receptor pi, tyrosine phosphatase IA-2 beta

Gene Pathway

[Type I diabetes mellitus](#)

Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Cardiovascular Diseases](#) [Cerebral Hemorrhage](#) [Chromosome Deletion](#) [Chronic Disease](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Hypertension](#) [Intracranial Hemorrhages](#) [Kidney Diseases](#) [Kidney Failure, Chronic](#) [Stroke](#) [Subarachnoid Hemorrhage](#) [Tobacco Use Disorder](#)