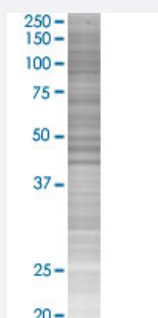


PTPRN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005798-T03

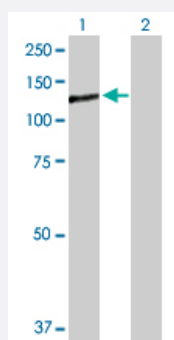
Size 100 uL

Applications



SDS-PAGE Gel

PTPRN transfected lysate.



Western Blot

Lane 1: PTPRN transfected lysate (102.80 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PTPRN full-length

Host Human

Theoretical MW (kDa) 102.8

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PTPRN antibody ([H00005798-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 PTPRN transfected lysate.
 Western Blot
 Lane 1: PTPRN transfected lysate (102.80 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.

Applications

- Western Blot

Gene Info — PTPRN

Entrez GeneID	5798
GeneBank Accession#	BC070053
Protein Accession#	AAH70053.1
Gene Name	PTPRN
Gene Alias	FLJ16131, IA-2, IA-2/PTP, IA2, ICA512, R-PTP-N
Gene Description	protein tyrosine phosphatase, receptor type, N
Omim ID	601773
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 catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. [provided by RefSeq]
Other Designations	islet cell antigen 2 islet cell antigen 512 islet cell autoantigen 3 protein tyrosine phosphatase-like N

Pathway

- [Type I diabetes mellitus](#)

Disease

- [Diabetes Mellitus](#)