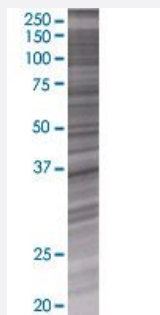


PTPN18 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00026469-T01

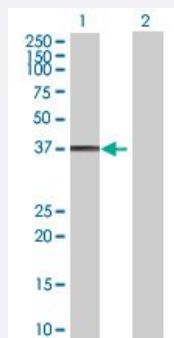
Size 100 uL

Applications



SDS-PAGE Gel

PTPN18 transfected lysate.



Western Blot

Lane 1: PTPN18 transfected lysate (38.72 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PTPN18 full-length
Host	Human
Theoretical MW (kDa)	38.72
Interspecies Antigen Sequence	Mouse (74); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PTPN18 antibody ([H00026469-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PTPN18 transfected lysate.
 Western Blot
 Lane 1: PTPN18 transfected lysate (38.72 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 — PTPN18

Entrez GeneID

[26469](#)

GeneBank Accession#

[BC052800.1](#)

Protein Accession#

[AAH52800.1](#)

Gene Name

PTPN18

Gene Alias

BDP1, PTP-HSCF

Gene Description

protein tyrosine phosphatase, non-receptor type 18 (brain-derived)

Omim ID

[606587](#)

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, the mitotic cycle, and oncogenic transformation. This PTP contains a PEST motif, which often serves as a protein-protein interaction domain, and may be related to protein intracellular half-life. This protein can differentially dephosphorylate autophosphorylated tyrosine kinases that are overexpressed in tumor tissues, and it appears to regulate HER2, a member of the epidermal growth factor receptor family of receptor tyrosine kinases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

brain-derived phosphatase|protein tyrosine phosphatase, non-receptor type 18