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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN12 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005782-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

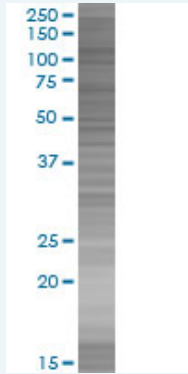
Plasmid: pCMV-PTPN12 full-length

Host: Human

Theoretical MW (kDa): 85.91

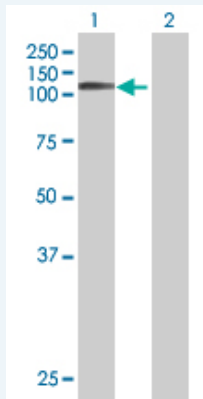
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-PTPN12 antibody ([H00005782-B01](#)) by Western Blots.

SDS-PAGE Gel



PTPN12 transfected lysate.

Western Blot



Lane 1: PTPN12 transfected lysate (85.91 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: [5782](#)

GeneBank Accession#: [NM_002835.2](#)

Protein Accession#: =

Gene Name: PTPN12

Gene Alias: PTP-PEST,PTPG1

Gene Description: protein tyrosine phosphatase, non-receptor type 12

Omim ID: [600079](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains a C-terminal PEST motif, which serves as a protein-protein interaction domain, and may regulate protein intracellular half-life. This PTP was found to bind and dephosphorylate the product of the oncogene c-ABL and thus may play a role in oncogenesis. This PTP was also shown to interact with, and dephosphorylate, various products related to cytoskeletal structure and cell adhesion, such as p130 (Cas), CAKbeta/PTK2B, PSTPIP1, and paxillin. This suggests it has a regulatory role in controlling cell shape and mobility. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations: OTTHUMP00000025119,protein-tyrosine phosphatase G1,tyrosine-protein phosphatase non-receptor type 12

Related Disease

[Genetic Predisposition to Disease](#) [Graves Disease](#) [Graves Ophthalmopathy](#) [Kidney Failure, Chronic](#)

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