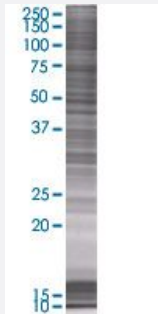


# PEX19 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005824-T01

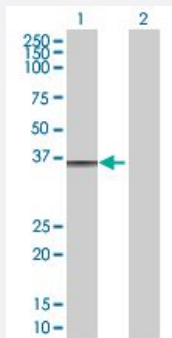
Size 100 uL

## Applications



### SDS-PAGE Gel

PEX19 transfected lysate.



### Western Blot

Lane 1: PEX19 transfected lysate ( 33 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-PEX19 full-length

**Host** Human

**Theoretical MW (kDa)** 33

### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PEX19 antibody ([H00005824-B01](#)) by Western Blots.

SDS-PAGE Gel

PEX19 transfected lysate.

Western Blot

Lane 1: PEX19 transfected lysate ( 33 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 — PEX19

**Entrez GeneID**[5824](#)**GeneBank Accession#**[NM\\_002857.2](#)**Protein Accession#**[NP\\_002848.1](#)**Gene Name**

PEX19

**Gene Alias**

D1S2223E, HK33, PMP1, PMPI, PXF, PXMP1

**Gene Description**

peroxisomal biogenesis factor 19

**Omim ID**[214100 600279](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxisins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause Zellweger syndrome (ZWS). [provided by RefSeq]

**Other Designations**

OTTHUMP00000031848|housekeeping gene, 33kD|peroxisomal farnesylated protein