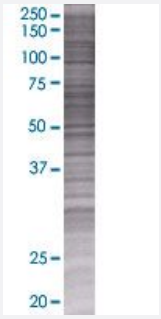
PEX3 293T Cell Transient Overexpression Lysate(Denatured)

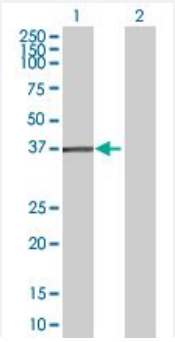
Catalog # H00008504-T01 Size 100 uL

Applications



SDS-PAGE Gel

PEX3 transfected lysate.



Western Blot

Lane 1: PEX3 transfected lysate (41.14 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PEX3 full-length
Host	Human
Theoretical MW (kDa)	41.14
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PEX3 antibody (H00008504-B01) by Western Blots. SDS-PAGE Gel PEX3 transfected lysate. Western Blot Lane 1: PEX3 transfected lysate (41.14 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 — PEX3

Entrez GeneID	8504
GeneBank Accession#	NM_003630.1
Protein Accession#	NP_003621.1
Gene Name	PEX3
Gene Alias	DKFZp686N14184, FLJ13531, TRG18
Gene Description	peroxisomal biogenesis factor 3
Omim ID	214100 603164
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is involved in peroxisome biosynthesis and integrity. It assembles membrane vesicles before the matrix proteins are translocated. Peroxins (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	OTTHUMP00000017334|OTTHUMP00000040175|peroxin-3|peroxisomal assembly protein PEX 3|transformation-related protein 18