

Recombinant Human PEX3 293 Cell Lysate

Cat. No. PEX3-3286HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description Antigen standard for peroxisomal biogenesis factor 3 (PEX3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PEX3 peroxisomal biogenesis factor 3 [Homo sapiens]

Official Symbol

PEX3

Synonyms

PEX3; peroxisomal biogenesis factor 3; peroxin-3; peroxisomal assembly protein
PEX3; transformation-related protein 18; TRG18; FLJ13531; DKFZp686N14184;

Gene ID

8504

mRNA Refseq

NM_003630

Protein Refseq

NP_003621

UniProt ID

P56589

**Chromosome
Location**

6q24.2

Pathway

ABC-family proteins mediated transport, organism-specific biosystem; ABCA transporters in lipid homeostasis, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem;

Function

protein binding;

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