

Recombinant Human PEX19 293 Cell Lysate

Cat. No. PEX19-3289HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peroxisomal biogenesis factor 19 (PEX19), transcript variant 1 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

PEX19 peroxisomal biogenesis factor 19 [Homo sapiens]

Official Symbol

PEX19

Synonyms

PEX19; peroxisomal biogenesis factor 19; peroxisomal farnesylated protein , PXF; D1S2223E; HK33; housekeeping gene; 33kD; PMP1; PMPI; PXMP1; peroxin-19; housekeeping gene, 33kD; 33 kDa housekeeping protein; peroxisomal farnesylated protein; PXF; FLJ55296;

Gene ID

5824

mRNA Refseq

NM_001193644

Protein Refseq

NP_001180573

UniProt ID

P40855

Chromosome Location

1q22

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;

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Function

protein N-terminus binding; protein binding;

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