

Recombinant Human PEX2 293 Cell Lysate

Cat. No. PEX2-3288HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peroxisomal biogenesis factor 2 (PEX2), 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

PEX2 peroxisomal biogenesis factor 2 [Homo sapiens]

Official Symbol

PEX2

Synonyms

PEX2; peroxisomal biogenesis factor 2; peroxisomal membrane protein 3 (35kD, Zellweger syndrome) , peroxisomal membrane protein 3, 35kDa , PXMP3; PAF 1; peroxin 2; PMP35; RNF72; Zellweger syndrome; ZWS3; RING finger protein 72; peroxisome assembly factor 1; peroxisome assembly factor-1; peroxisome biogenesis factor 2; 35 kDa peroxisomal membrane protein; peroxisomal membrane protein 3, 35kDa; PAF1; PMP3; PXMP3;

Gene ID

5828

mRNA Refseq

NM_000318

Protein Refseq

NP_000309

UniProt ID

P28328

Chromosome Location

8q21.11

Pathway

Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;

Function

metal ion binding; protein binding; zinc ion binding;

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