Recombinant Human PEX1 cell lysate

Cat. No. PEX1-1335HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a member of the AAA ATPase family, a large group of ATPases associated with diverse cellular activities. This protein is cytoplasmic but is often anchored to a peroxisomal membrane where it forms a heteromeric complex and plays a role in the import of proteins into peroxisomes and peroxisome biogenesis. Mutations in this gene have been associated with complementation group 1 peroxisomal disorders such as neonatal adrenoleukodystrophy, infantile Refsum disease, and Zellweger syndrome.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PEX1 peroxisomal biogenesis factor 1 [Homo sapiens]
Official Symbol	PEX1
Synonyms	PEX1; peroxisomal biogenesis factor 1; peroxisome biogenesis factor 1 , Zellweger

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	syndrome , Zellweger syndrome 1 , ZWS, ZWS1; peroxisome biogenesis factor 1; peroxin-1; Zellweger syndrome; peroxisome biogenesis disorder protein 1; ZWS; ZWS1;
Gene ID	5189
mRNA Refseq	NM_000466
Protein Refseq	NP_000457
UniProt ID	O43933
Chromosome Location	7q21.2
Pathway	Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;
Function	ATP binding; ATP binding; ATPase activity, coupled; binding; nucleoside-triphosphatase activity; nucleotide binding; protein C-terminus binding; protein binding; protein complex binding;

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