Recombinant Human PEX2 protein, His & T7-tagged

Cat. No. PEX2-2641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PEX2 aa. (Ser233~Leu305 (Accession # P28328)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser233~Leu305
Description	This gene encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. The protein is thought to be involved in peroxisomal matrix protein import. Mutations in this gene result in one form of Zellweger syndrome and infantile Refsum disease. Alternative splicing results in multiple transcript variants encoding the same protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 11.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.

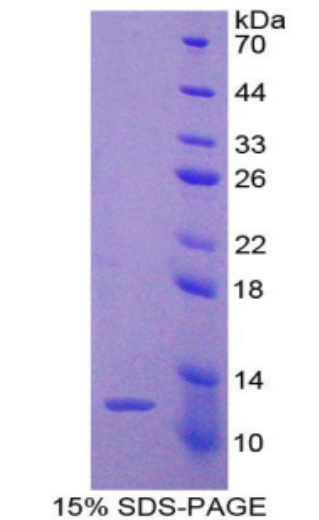
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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	PEX2 peroxisomal biogenesis factor 2 [Homo sapiens (human)]
Official Symbol	PEX2
Synonyms	PEX2; peroxisomal biogenesis factor 2; PAF1; PMP3; ZWS3; PBD5A; PBD5B; PMP35; PXMP3; RNF72; peroxisome biogenesis factor 2; 35 kDa peroxisomal membrane protein; RING finger protein 72; peroxisomal membrane protein 3, 35kDa; peroxisome assembly factor 1
Gene ID	5828
mRNA Refseq	NM_000318.2
Protein Refseq	NP_000309.1

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UniProt ID	P28328
SDS-PAGE	

15% SDS-PAGE

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