Recombinant Human PEX26 Protein, His&GST-tagged

Cat. No. PEX26-1933H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PEX26 Protein (Met1-Asp305) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp305
Description	This gene belongs to the peroxin-26 gene family. It is probably required for protein import into peroxisomes. It anchors PEX1 and PEX6 to peroxisome membranes, possibly to form heteromeric AAA ATPase complexes required for the import of proteins into peroxisomes. Defects in this gene are the cause of peroxisome biogenesis disorder complementation group 8 (PBD-CG8). PBD refers to a group of peroxisomal disorders arising from a failure of protein import into the peroxisomal membrane or matrix. The PBD group is comprised of four disorders: Zellweger syndrome (ZWS), neonatal adrenoleukodystrophy (NALD), infantile Refsum disease (IRD), and classical rhizomelic chondrodysplasia punctata (RCDP). Alternatively spliced transcript variants have been identified for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.9 kDa Accurate Molecular Mass: 61 kDa

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PEX26 peroxisomal biogenesis factor 26 [Homo sapiens (human)]
Official Symbol	PEX26
Synonyms	PEX26; peroxisomal biogenesis factor 26; peroxisome biogenesis factor 26; peroxisome assembly protein 26; FLJ20695; peroxin-26; peroxisome biogenesis disorder, complementation group 8; peroxisome biogenesis disorder, complementation group A; PEX26M1T; Pex26pM1T;
Gene ID	55670
mRNA Refseq	NM_001127649

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Protein Refseq	NP_001121121
MIM	608666
UniProt ID	Q7Z412

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