

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PEX26, 1-246aa, Human, His tag, E.coli

产品货号: TP03358

第三版

别名: Peroxisome assembly protein 26, PBD7A, PBD7B, PEX26M1T, Pex26pM1T

描述: PEX26 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. Recombinant human PEX26 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 29.3 kDa (269aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMKSDSSTSAAPLRGLGGPLRSSEPVRAVPARAPAVDLLEEAADLLVVHLDFFRAALET
CERAWQSLANHAVAEEPAGTSLEVKCSLCVVGIQALAEEMDRWQEVLSWVLQYYQVPEKLPKVLLELCILLYSKMQEPGA
VLDVVGAWLQDPANQNLPEYGALAEFHVQRVLLPLGCLSEAEELVVGSAAFGEERRLDVLQAIHTARQQKQEHSGSEE
AQKPNLEGSVSHKFLSLPMLVRQLWDSAVSH

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.