9051 Mira Mesa Blvd, #910094
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PEX26 Human

Peroxisomal Biogenesis Factor 26 Human Recombinant
RCP1627

Product Overview

Name	PEX26 Human
Description	
Peroxisomal Biogenesis Factor 26 Human Recombinant	
Accession (Primary)	Q7Z412
Synonyms	
PBD7A, PBD7B, PEX26M1T, Pex26pM1T, Peroxisome assembly protein 26, PEX26.	
Introduction	
Peroxisomal Biogenesis Factor 26 (PEX26) which is a part of the peroxin-26 gene family is probably required for protein import into peroxisomes. PEX26 attaches PEX1 and PEX6 to peroxisome membranes to form heteromeric AAA ATPase complexes needed for the import of proteins into peroxisomes. Deficiencies in this gene are the cause of peroxisome biogenesis disorder complementation group 8. PBD is a group of peroxisomal disorders evolving from a failure of protein import into the peroxisomal membrane or matrix.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The PEX26 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MKSDSST SAAPLRGLGG PLRSSEPVRA VPARAPAVDL LEEAADLLVV HLDFRAALET CERAWQSLAN HAVAEEPAGT SLEVKCSLCV VGIQALAEMD RWQEVLSWVL QYYQVPEKLP PKVLELCILL YSKMQEPGAV LDVVGAWLQD PANQNLPEYG ALAEFHVQRV LLPLGCLSEA EELVVGSAAF GEERRLDVLQ AIHTARQQQK QEHSGSEEAQ KPNLEGSVSH KFLSLPMLVR QLWDSAVSH.	

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Precautions

PEX26 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7Z412)