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**Product Data Sheet**


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Product Name: PEX26 Human  
 Cat. No.: GP24165  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PBD7A; PBD7B; PEX26M1T; Pex26pM1T; Peroxisome assembly protein 26; PEX26.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKSDSST SAAPLRGLGG PLRSSEPVRA VPARAPAVDL LEEAADLLVV HLDFFRAALET CERAWQSLAN HAVAEEPAGT SLEVKCSLCV VGIQALAEMD RWQEVLSWVL QYYQVPEKLP PKVLELCILL YSKMQEPGAV LDVVGAWLQD PANQNLPEYG ALAEFHVQRV LLPLGCLSEA EELVVGSAAF GEERRLDVLQ AIHTARQQQK QEHSGSEEAQ KPNLEGSVSH KFLSLPMLVR QLWDSAVSH.		
Formulation	The PEX26 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

**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.

**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.

**Background**

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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PEX26 Human Recombinant produced in E. coli is a single polypeptide chain containing 269 amino acids (1-246) and having a molecular mass of 29.3kDa. PEX26 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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