

Product datasheet for **SC214282**

PEX26 (NM_001127649) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEX26 (NM_001127649) Human 3' UTR Clone
Symbol:	PEX26
Synonyms:	PBD7A; PBD7B; PEX26M1T; Pex26pM1T
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001127649
Insert Size:	2000 bp



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Insert Sequence:	>SC214282 3'UTR clone of NM_001127649 The sequence shown below is from the reference sequence of NM_001127649. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CGCCTCTACCAGCTCCGCATCCGTGACAGGGTCCCTGCGCACCACAGCCTCTCTGCTCCTCACGTCC GTGGCCACAGAAGCAGAGCGACAGAGCGACATCCACAGGCGCCCTGGGGAATGGGACCAGCCTAA TCTCGCGGAGTGCAGTGTGTCTTGCTGCTGGGTGCCCTCTCTTTGCACCTACTTCGGCTGGTCGCG GTAGATGATGTGGAACAAAGCAGGACCAGCAGGCACAGCACCTCCAGAACAGTGGCCGGATGACCAG AGGCCCCCTTGAAGAGGGGTTTGGGACAGGGACTGTGTCCATGAAACATTCCATCTTCTTGGTGAA GGCAAGGGGTTGGTTCTTCAGGTCAGGATGTTAATGGAGCTGGAAGTTCAGAAAAAGCCTGGTGAAGTG ACCCTTGGCCTTTCACTTCTTGAGAAACATACTCTTTGCTGGGCATGGTGAAGTACAGCCTGTATCCC AGCACTTTGGAAGGGTGAGGTGGTGGATCACTTGTGGCAGGAGTTCAAACCTGCCTGGCCAACATG GTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCTAGATGTGGTGCACGCCTATAGTCTAGCTAC TTGGGAGGCTGAGGCAGGAGAATCACTTGAGCCAGGGAGGCAAAAGTTGCAGTGAGCTGAGATTGTGCT ACCGCACTCTCTCAAAACAAACAAAAAACATGCCCCACAGGACAGTACCTTAATTAGCTAGAGTAGAT CTGAGAGGGCCTCTTCTGCCTGCACTGTGCTCCCGAGAGCTGATCTAATTCTGTATCAATAGGCTGTT CCCATGGTCTTGCCATGCGCTTGAAGCTGCAGGAGCCTTCTCACTGTTCAAGGCTGGGGTGTGGTTTTCA GAACACCGGGTTGACTACTGAAACCAAGTGAGCCTTACAGCTCTTATCGCTGGGTAAAGTGATCTTG CCTGGTGCCTCTTGGTCTTCAGTCAATTTCCAGGTTGTCTGGCCAAGTCTTGCTCTGTTACGCTCA GTGCTCTGCCCCACTCTTCCCCGCCAGCCCTCCCTCCCGCCCTGCAAACTTGCCCTTGGCTGTTTC ACCAGGTTCTGCCTGTATCCTTGCTCCTTGGTACACACCATTTAGGTTCTTCCCTTTCTGTGTCCCA TTGTCTAGTTATGTTCTGTTGTTGTGAATGCCAAATTTTCTGCTCGTGTGGCCTTGAAAAGTAG GCCAGCCTCAGAGGCTGCTGAGCTGAAATGGAAGTGAATCAGGTGAGCTGGAAGGGATGTGGGGG GCGGGGCAGACGGGAGACATGGGTTTTGAAGGCAGTGAACAATAAACCTTAGGGAGGTGGCACCAGG CCTTAGCATTTGAGGAGCTGAAATGTTTCAGTGTGTTTTCTCACCAGCCACAAGCATCTTATGAGTTT CTGTGCAAGGAAGCGTAGAGCACTGCTGTGCTGTGCTCAGGATGAAGAAGGGCTTTCTGCAGGGGCTGGCCT TTCTCTACCCAGAGGCCAAGCAGGCTGCCCTGCACTGTGCTCTTGGTGTGATGCCCAAAATAGAGAAG GTGCTTGCTAGCTTTTCTTGGTACATTTTCGGGGGTGCAAGGCAACAAGTTTTCTTTGTTTGTGTT GTTTGTGTTGTTTGTGTTTGTGATGGAGTCTCTGTACCCAGGCTGGAGTGCAGTGGCGTGATCTC AGCTCACTGCAAGCTCCGCTCCCGGGTTCATGCCATTCTCTGCCTCAGCCTCCCGAGTAGCTGGGAC TACAGGTGCCACCACTCGCCTGGCTAATATTTTGTATTTTGTAGTAGTCTGGGTTTCACTGTGTT AGCCGGGATGGTCTCGATCTCCTGAAGTTGTGATCCACCCACCTAGGCCTCCCAAGTGCTGGGATTAC AGGTGTGAGCCATCGCGCCCGGCCAAGTTTCTTTAGAAAAATGAGTAAAGTAGGTAACTTCACAGG ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001127649.3</u>

Summary:

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. [provided by RefSeq, Dec 2010]

Locus ID:

55670

MW:

73.3