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Product datasheet for SC214281

PEX26 (NM_017929) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEX26 (NM_017929) Human 3' UTR Clone
Symbol:	PEX26
Synonyms:	PBD7A; PBD7B; PEX26M1T; Pex26pM1T
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017929
Insert Size:	2000 bp

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Insert Sequence:

>SC214281 3'UTR clone of NM_017929
The sequence shown below is from the reference sequence of NM_017929. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCCTCTACCAGCTCCGCATCCGTGACTGAGGGTCCCTGCGCACCACAGCCTCTCTGCTCCTCACGTCC
GTGGCCACAGAAGCAGAGCGACAGAGCGACACATCCACAGGCGCCCCTGGGGAAATGGGACCAGCCTAA
TCTCGCGGAGTGCACTGTGTCTTGCTGCCTGGGTGCCCTCTCCTTTGCACCCTACTTCGGCTGGTCGCG
GTAGATGATGTGGAAACAAAGCAGGACCAGCAGGCACAGCACCTCCAGAACAGTGCCCCGGATGACCAG
AGGCCCCTTGAAAAGGAGGGGTTTGGGGACAGGGACTGTGTCCATGAAACATTCCATCTTCTTGGTGAA
GGCAAGGGGTTGGTTCTTCAGGTCAGGATGTTAATGGAGCTGGAAGTTCAGAAAAAGCCTGGTGAAGTG
ACCCTTGGCCTTTCACTTCTTGAGAAACATACTTCTTTGCTGGGCATGGTGACTCACGCCTGTAATCCC
AGCACTTTGGAAGGGTGAGGTGGGTGGATCACTTGTGGCCAGGAGTTCAAAACCTGCCTGGCCAACATG
GTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCTAGATGTGGTGCACGCCTATAGTCCTAGCTAC
TTGGGAGGCTGAGGCAGGAGAATCACTTGAGCCAGGGAGGCAAAAGTTGCAGTGAGCTGAGATTGTGCT
ACCGCACTCTCTCAAAACAAACAAAAAAACATGCCCCACAGGACAGTACCTTAATTAGCTAGAGTAGAT
CTGAGAGGGCCTCTTCTTGCCTGCACTGTGCTCCCCAGAGCTGATCTAATTCTGTATCAATAGGCTGTT
CCCATGGTCTTGCCATGCGCTTGAAGCTGCAGGAGCCTTCTCACTGTTCAGGCTGGGGTGTGGTTTTCA
GAACCACCGGGTTGACTACTGAAAACCAAGTGAGCCTTACAGCTCTTATCGCTGGGTAAAGTGATCTTG
CCTGGTGCCTCTTGGTCTTCAGCTCAATTTTCCAGGTTGTCCTGGCCAAGTCTTGCTCTGTTACGCTCA
GTGCCTCTGCCCACTCTTTCCCCGCCAGCCCTTCCCTCCCGCCCTGCAAACTTGTCCCTTGGCTGTTTC
ACCAGGTTCTGCCTGTATCCTTGCCTCCTTGGTACACACCATTTCAGGTTCTTCCCTTTCTGTGTCCCA
TTGTCCTAGTTATGTTCTGTTGTTTGTGTAATGCCCAAATTTTTCTGCTCGTGTGGCCTTGAAAAGTAG
GCCAGCCTCAGAGGCTGCTGAGCTGAAAATGGAACTGAGTAATCAGGTGAGCTGGAAGGGATGTGGGGG
GCGGGGCAGACGGGAGACATGGGTTTTGAAGGCAGTGAACAATAAAACCTTAGGGAGGTGGCACCGAGG
CCTTAGCATTTGAGGAGCTGAAATGTTTCAGTGTTGTTTTCTCACCAGCCACAAGCATCTTATGAGTTT
CTGTGCAAGGAAGCGTAGAGCACTGCTGTGCTGTCAGGATGAAGAAGGGCTTTCTGCAGGGGCTGGCCT
TTCTCTACCCAGAGGCCAAGCAGGCTGCCCTGCACTGTGTCCTTGGTGTTGATGCCCAAAATAGAGAAG
GTGCTTGCTAGCTTTTCCTTGGTACATTTTCGGGGGTTGCAAGGCAACAAGTTTTCTTTTGTTTTGTTT
GTTTGTTTGTTTGTTTGTTTTTGAGATGGAGTCTCTGTCACCCAGGCTGGAGTGCAGTGGCGTGATCTC
AGCTCACTGCAAGCTCCGCCTCCCGGGTTCATGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGAC
TACAGGTGCCCACCACCTCGCCTGGCTAATATTTTTGTATTTTTAGTAGAGTCTGGGTTTCACTGTGTT
AGCCGGGATGGTCTCGATCTCCTGAACTTGTGATCCACCCACCTAGGCCTCCCAAAGTGCTGGGATTAC
AGGTGTGAGCCATCGCGCCCGGCCAACTTTTCTTTAGAAAAATGAGTAAAGTAGGTAAACTTCACAGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-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: NM_017929.6

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