

Product datasheet for SC211689

PEX12 (NM_000286) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEX12 (NM_000286) Human 3' UTR Clone
Symbol:	PEX12
Synonyms:	PAF-3; PBD3A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000286
Insert Size:	1017 bp
Insert Sequence:	>SC211689 3'UTR clone of NM_000286 The sequence shown below is from the reference sequence of NM_000286. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CTGATTAAGTCTACTCCCTGAGAACTAAAGGGAATCATGTCTTATCCTCACAACAAAAGTATTGCG
CTGTAATGTCACAGAGCTGGTTTCAGCATGGTATTGAGTTGACACTTCTCAGCCTCAATTCATAACTAT
ATGAACTTTAAATGATTATATGGATTTCTTTAAAGGATATGCCATTTGATCCTAACCTTTTAGCCTG
CTCTCTAGAACCCTACTTACAGTTGACCAAGCTGCTTAAAGTAGAAGGATCAGGACTGGCAGGGGATAT
GAGGGCCAGTGTAGAGATTAAACAGAATAATGAGTACACAAGTTTTGCCTATCCCTTTCTTTAAATA
TAAGAAATAAAGGAGCTCTTACGAAAAACCCAGGTTAGACCGCATAAAAATAAAGTGAACAGTGAGGT
GGTAGCAAGACTTCTTTTAGAAAAAGAAAGCATTTACCTGCCTGTCTGTAAGGTGGAAATTTTCATCAGT
TTGCAACGATAAGAAATGCAGACTTGCTCTTGATAGAAATGCTTAGAAACACTCTGGGGGGGAAAAAA
GCTCCTTCCATATACTGTGAGACATTTGTTAAGTGACATCTATTGTTTATCAGCTTTAAGGATAAAAA
AGGTATTTTAAAGTTGGATATTTAGGATATTTAGGATATTCCTTTATGAGCTCTCCATATCCTTCTT
GAGAACTGGTTAAAAAAGGAATAGGGGTTGAGTGTTACAGAGAGTAGTCTGAAGATTCCTGTGTAATA
GCAAAGCTAACAAGCAATGAAGACATGAAGCAAAATACTAATCTAATTGTGTAAGAAAGGATATTTTA
ATAAGTTCTTTCTGCTTGCTGCTAAGAGTTTGCTAAAGTGTCATGAATTATTCTGGTTATTACTAAAGT
TTCTATGAAACACTTAAGTAGATTTTAAGAATAAATGTTTCTGGAAAAGAACTATGTTATGATTTTGTA
GAAATGTAAGATTACTTGAGGTGTTTAAATAAATTTTTCATTGAGACTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_000286.3</u>
Summary:	This gene belongs to the peroxin-12 family. Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause of Zellweger syndrome (ZWS). [provided by RefSeq, Oct 2008]
Locus ID:	5193
MW:	39.3