

## Product datasheet for **SC211560**

### PEX10 (NM\_002617) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PEX10 (NM_002617) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PEX10
Synonyms:	NALD; PBD6A; PBD6B; RNF69
ACCN:	NM_002617
Insert Size:	1822 bp



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**Insert Sequence:** >SC211560 3'UTR clone of NM\_002617  
The sequence shown below is from the reference sequence of NM\_002617. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCTCATCTACCTTCGGCACTACCGCTGAGCCGGCGCCCGGGTGGGCCTGGACACAGATGACCTCTAC
GGGAGTCTGAACGCCAAGATTTAGTCTCAGGATTAACCTTGCTTGACACAGAAGTTAGAACACTCTCAGT
TTTTTGTGATGTAAGATACTAACCTAGCCACCCTGGGAGAGAACAGAAAGCTGTCCCTGGCTGCGCTTT
CTCAGCCCTGGGAGGGGCGCCTGAACCCAGAACATTTCCCTAACCCCAACCTGGTAGGACTCAGCCACT
TCTTCAGGAATTTCACTTATTTGGACGGGATTTAGGTTTCCCTCCCTCCCAAACCATACAGTTGAG
AAGTAATTCAGAAGTAGCCAGAAGACACTTTATTCGTTTATATTGTGAGAAAACAGCCCATCAGGCT
TGTGTTAAGGCAATGGACTGAATGAGTGCCTGCTGGTGGGGTGGGGCACGGAGGCTGGCGGGTTGCTT
CAGCCAGTGCAGTGAGAACAGCAGCCCCACGGCCCATGGGAGGGCGCTGCTCTCCCGAGGGCGGC
TGGGCAGAGCACATCCCCAGGACTTGATGACCACACGGGGCAGAGAGAAACCAACCAAGGCCAGCACC
TCCGTGCGAAGCATTGGGCACACACACCTTCAATACACGTCAAGGTGCTTCCAGTTTTAGAAAACAGA
AATCTGCATCTCAGCCTGAGACGCACAGAGAGGTCTTCTCCTGACCCAGACGCACTCACGAGCCAGGTC
CTGGGGGTATGGGGGCTGCCAGGGGCGCCGAGCCCTCTCCTGGGGGGCTGCTGGGCAGGCGACCTGC
TGACCCACGGTCACTGCTGTGTTAGCCCTCAGCTCGGCCCCAGCCTATTTCCCGCCTCCATTTGATG
TTTCCAGTTTTCAAACCTGCATTTAACCTGCGCCAGAGATTCACCGTAGGCATCTTTAATAAACTAA
CTCCAGCAAAATGTGGGTACGTTACTAACACAAGATGGAACCTGAGATTTCTGAAGCGCAGTGTTAAA
ATGCCTCGAGGGCGTGCCACATTTCCCTGCTGACGTAACACCTGGCCAGCAGGACCCGGCTCCCGG
CAAAGACCCGCGCAAACCATGTCTTGCTTTGACTTACTTAGGAATGAGGATGACCCTGTATTCCTGG
GTTAGTCAAGGTGAGCTTCCAGAGACGGAGGAGGGCGGGGGGGCCGTGACCCTTAGACTGGGAGGAC
CACCAGGAGAGGCACTGGGGGCTGCGGGCGGGTGGGCAGATGCCGCCGTGGCTCCATCCATCAGCACC
AGTCTTTGCTTCACTGTGCTCTGGCCAAGCGCTGCGACTTCTGTCACACCTTAGGCCTGAGCGCTT
ATTAAGAAAACAGTATGAAAAATGACAAACACTCTGTCCACAGTCTGAGAATCCCAAGTGTCTCAACA
CGGTACCAGAAGTACCACCTGGGAGCAGCACTGGCTATCTTGGGTGAGGACACACAAGCTTGAACGTG
GCCTCTTAGAGGAGCTCGATGTCAGATATGTAACACTGGTACAAGAAAATCCAGACACTAAGCATTCA
CCGTGTCAATTTGAGACAGGAAACACCCGCCAGAGTGAAGGAGCTGCGCAGCCCGGGGCCAGGAGGA
GAGGCCTTCACTCGCATGTCAGTGTCTCATCTGGGACCACAGCTGTGATGTTCTGCTGTGCAATATGGG
TCACCTTTCGAAAAGGCCAAACAAAAGGTGGGCTTTCCTGTGTCCAGGACTGCCATGTTTTAGGTTAAA
GACTTTAGTAAAGGTGGAGGTAATAATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
```

**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\\_002617.4](#)

**Summary:** This gene encodes a protein involved in import of peroxisomal matrix proteins. This protein localizes to the peroxisomal membrane. Mutations in this gene result in phenotypes within the Zellweger spectrum of peroxisomal biogenesis disorders, ranging from neonatal adrenoleukodystrophy to Zellweger syndrome. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

**Locus ID:** 5192

**MW:** 66.5