

Product datasheet for **SC214325**

PEX3 (NM_003630) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEX3 (NM_003630) Human 3' UTR Clone
Symbol:	PEX3
Synonyms:	PBD10A; PBD10B; TRG18
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003630
Insert Size:	1420 bp



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Insert Sequence: >SC214325 3'UTR clone of NM_003630
The sequence shown below is from the reference sequence of NM_003630. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TTTAGTACCCCTCAGCAACTGGAGAAATGATTTTTTCCTTCAAGAAAACTACAGTGGGATTCATTTACT
TTTTAAATACACTGGGTAAATCACCTATACTTAGAGTAACAGTTTGTATCAAAATGCCTGATAAAAT
ATATTCTTAATAAAAGTCTTCATTTCAATGAAATCAATTTATTTGGCATCTTAATATATTTTTTTAG
ATTCATCAACAGACCAGTTTTTGTGGGCATATATATACACGTGCAATATCAGAATTGTTAATAATT
TGTTACACATGGACATTTGTTCCAACTGACTAAAAATCAATATAGATATTTATATACATATATAT
ATAAAAAACAAAATTCAGTGTACTTTACCATATTAATACTGAGGAAAAATCTGTTGGAGACATAGGTC
TAGGATGTGTGAAGTTTGGAAAAATATGCTATTTAATTATAATGTTCCCTAGACTGCTGAAACAGAAG
TGAATCAGACTTTTCTCCAGCTACCTTTCAAAATAATAAATTATTTGTCTCAAAATATACCTTGATGGAG
GACTTTTTTATTCTTATGGAAATAGTGAATCCAACAACATATGATGAACATGTTCTTTGCTATTTCTT
CACTATATTTTTTAAGGTTTTATTAAGGCTTAGAAAGTTACATATTGGTTTAGAGGCTAAAAATTGT
GTTGATGCTGTTTACTCACCTAATTACATAGTTTTAATCATTTGTACATAATTTAAAAACTTACTTTG
TATTGATTTTGAATACAGTGAAATCTTATTGCAATAAACTATTTTAGTAAATATTATTTTGTGAGT
TAATATTTTTCAGCTATTAATTTACTTATCCCATAGCATTTTTGTTATTATTTCCGAAGAGAGCATG
CTAGTTTAAGTTTCATTTAATTGGTCGTGACTTGGTGCTTTTTTGTGTTGTTAACTTGTTTCATTTA
GTAAAAAGCAAATAGCTTTACTTTCTGAAAAAGAAATAATTCAATATCTCTAGTAATACATCTGTAATT
CTTCATTTAGAAAGGTAATTAGGGCAAAAGTAAATAAATCATTATATATCATTAGTATGTTGACATATA
TTTTAGTAACATTGTTTTATGTTCTCCAGCGTAACATGTAGCTGAACAGTAGAAGGTAGAAAAATAA
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TTTAAAAATAGGTAGTGGAGCCATAGCCCTCACCATAGACACCTCTGAGCCCACTGGCATTGTCTCTGA
GCAGAAGATGGCTGTGCCACTCACATATGCTAATCTTGGCAAACTGCCAAGCATGTCTTACCAAGGG
ATATGGATTTGGCTTAATAAAACCTGATTGAAAAACAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_003630.3](#)

Summary:

The product of this gene is involved in peroxisome biosynthesis and integrity. It assembles membrane vesicles before the matrix proteins are translocated. 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 Zellweger syndrome (ZWS). [provided by RefSeq, Oct 2008]

Locus ID:

8504

MW:

55.8