

Product datasheet for **SC205942**

PEX16 (NM_057174) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEX16 (NM_057174) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PEX16
Synonyms:	PBD8A; PBD8B
ACCN:	NM_057174
Insert Size:	456 bp
Insert Sequence:	>SC205942 3'UTR clone of NM_057174 The sequence shown below is from the reference sequence of NM_057174. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCACCAGCGTTTCTCCCAGGACACCCTTGA ACTGCGCTCTCCTGTGACGATGCCACTGCAGCCCGCACCT TGTCACCTGCTGGGCCAAGAAGCCTTCACTAGGAGTGGATCCAGGCTCCTCTCCACAGAAAGCGGTGA CTTCACCTCATGGAGCCCGGGAAGCTGCTCGCCTCGGCAGCCATAGGAGCGAACACTGCTGCTCTCTCG CTGGCCCTGGTGAAGACAGGAAGCCTGAACCCGGGTGATGGCTGAACGCTGCCAGCGTGTCTTCTGG CTGGGGCCCTCCGTCTGCCCTTCTCCGAGGGCCCTGTGGCTCTGGCAGCCCGAGCCATGGCGTTGC CAGCCTCCCTGTGACAGAGCCTGGTGAACAGTGAAGCCTGGCTCCACGCAAGTGGCACTTAAAGCCCTG CATCCTCGGTTGAGAGTAAAAGGCTTTTCTCCCTTAGAAAAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_057174.3</u>



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Summary: The protein encoded by this gene is an integral peroxisomal membrane protein. An inactivating nonsense mutation localized to this gene was observed in a patient with Zellweger syndrome of the complementation group CGD/CG9. Expression of this gene product morphologically and biochemically restores the formation of new peroxisomes, suggesting a role in peroxisome organization and biogenesis. Alternative splicing has been observed for this gene and two variants have been described. [provided by RefSeq, Jul 2008]

Locus ID: 9409

MW: 16.3