

Product datasheet for SC117711

PEX11B (NM_003846) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PEX11B (NM_003846) Human Untagged Clone
Tag:	Tag Free
Symbol:	PEX11B
Synonyms:	PEX11-BETA; PEX14B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117711 sequence for NM_003846 edited (data generated by NextGen Sequencing)

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ATGGACGCCTGGGTCCGCTTCAGTGCTCAGAGCCAAGCCCGGAGCGGCTGTGTAGGGCC
GCCAGTATGCTTGCTCTTCTTGCCATGCGCTGCAGAGGCATGGAGCCAGTCCCTGAG
TTACAGAAACAGATTCGACAACCTGGAGAGCCACCTGAGCCTTGGAAAGAAAGCTTCTACGC
CTGGGTAACCTCAGCAGATGCCCTTGAGTCAGCCAAAAGAGCTGTTACCTATCAGATGTT
GTCCTGAGATTCTGCATCACTGTTAGTCACCTCAATCGAGCCTTGTACTTCGCCTGTGAC
AATGTCCTGTGGGCTGGAAAGTCTGGACTGGCTCCCCGTGTGGATCAGGAGAAGTGGGCC
CAGCGTTCATTCAGGTAATTTGTTTTCCCTCATCATGAATTTGAGCCGTGATGCTTAT
GAGATTCGCCTACTGATGGAGCAAGAGTCTTCTGCTTGTAGCCGGCGACTGAAAGTTCT
GGAGGAGGAGTCCCAGGAGGAAGTGAAACTGGGGGACTTGGGGGACCAGGGACTCCAGGA
GGAGGTCTGCCCAACTGGCTCTGAAACTTCGGCTGCAAGTCTGCTCCTGGCTCGAGTC
CTTAGAGGTCATCCCCACTTCTGCTAGACGTGGTCAGAAATGCCTGTGATCTCTTCATT
CCTCTGGACAAACTAGGCCTCTGGCGCTGTGGCCCTGGGATTGTGGGGCTTTGTGGCCTC
GTGTCCTCATCTGTCTATTCTCACCTAATCTATCCCTGGCTACGACTCAAGCCCTGA

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Clone variation with respect to NM_003846.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003846 unedited CCTAGGATATTTGTAATCCGNACTTTCACGTATAGGGNCGGCCGCAATTCGGCACGA GGGGAGCCTGGGCTGCGGCTGTCATGGACGCCTGGGTCCGCTTCAGTGCTCAGAGCCAAG CCCCGGAGCGGCTGTGTAGGGCCGCCAGTATGCTTGCTCTTCTTGGCCATGCGCTGC AGAGGCATGGAGCCAGTCCTGAGTTACAGAAAACAGATTCGACAACTGGAGAGCCACCTGA GCCTTGGAAAGAAAGCTTCTACGCCTGGGTAACCTCAGCAGATGCCCTTGAGTCAGCCAAAA GAGCTGTTACCTATCAGATGTTGTCCTGAGATTCTGCATCACTGTTAGTCACCTCAATC GAGCCTTGTAACCTCGCCTGTGACAATGTCTGTGGGCTGGAAAGTCTGGACTGGCTCCCC GTGTGGATCAGGAGAAGTGGGCCAGCGTTCATTAGGTAATTTGTTTTCCCTCATCA TGAATTTGAGCCGTGATGCTTATGAGATTCGCCTACTGATGGAGCAAGAGTCTTCTGCTT GTAGCCGGCGACTGAAAGGTTCTGGAGGAGGAGTCCCAGGAGGAAGTAACTGGGGGAC TTGGGGGACCAGGACTCCAGGAGGAGGTCTGCCCAACTGGCTCTGAACTTCGGCTGC AAGTCCTGCTCCTGGCTCGAGTCCTTAGAGGTCATCCCCACTTCTGCTAGACGTGGTCA GAATGCCTGTGATCTTTCATTCCTCTGGACAACCTANGCCTCTGGCGCTGTGCCCTGNGA TTGTGGGGGCTTGGGGCCTCGTGTCTCCATCCTGTCTATTCTCACCTAATCTATCCCTG GCTACGACTCAAGCCCTGACCCTTNCGTACAGGATNAGGAGGGGACCTGGAANTGGTGAG ATGGATACTTANATCGTNCCCCATGTTGCAGNCTCATTNCGAATCTACTNCTTGGTGAA NGNTAGAATTCANAAATTTAAGGGTGGAGGAAGAACTTTGGGGAANATAGGAN
Restriction Sites:	NotI-NotI
ACCN:	NM_003846
Insert Size:	2560 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003846.1 , NP_003837.1
RefSeq Size:	1610 bp
RefSeq ORF:	780 bp
Locus ID:	8799
UniProt ID:	O96011
Cytogenetics:	1q21.1
Protein Families:	Transmembrane

Gene Summary:

The protein encoded by this gene facilitates peroxisomal proliferation and interacts with PEX19. The encoded protein is found in the peroxisomal membrane. Several transcript variants, some protein-coding and some not protein-coding, have been found for this gene. [provided by RefSeq, Dec 2012]

Transcript Variant: This variant (1) encodes the longer isoform (1).