

## Product datasheet for **SC322412**

### 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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322412  
 CTGGGCTGCGGCTGTCATGGACGCTGGGTCCGCTTCAGTGCTCAGAGCCAAGCCCGGGA  
 GCGGCTGTGTAGGGCCGCCAGTATGCTTGCTCTTCTTGCCATGCGCTGCAGAGGCA  
 TGGAGCCAGTCTGAGTTACAGAAACAGATTCGACAACCTGGAGAGCCACCTGAGCCTTG  
 AAGAAAGCTTCTACGCTGGGTAACCTCAGCAGATGCCCTTGAGTCAGCCAAAAGAGCTGT  
 TCACCTATCAGATGTTGCTCCTGAGATTCTGCATCACTGTTAGTCACCTCAATCGAGCCT  
 GTACTCGTCTGTGACAATGTCCTGTGGGCTGGAAAGTCTGGACTGGCTCCCCGTGGGA  
 TCAGGAGAAGTGGGCCAGCGTTTCATTCAGGTAATTTGTTTTCCCTCATCATGAATTT  
 GAGCCGTGATGCTTATGAGATTCGCTACTGATGGAGCAAGAGTCTTCTGCTTGTAGCCG  
 GCGACTGAAAGGTTCTGGAGGAGGAGTCCAGGAGGAAGTGAACCTGGGGGACTTGGGGG  
 ACCAGGGACTCCAGGAGGAGGTCTGCCCAACTGGCTCTGAAACTTCGGCTGCAAGTCTCT  
 GCTCTGGCTCGAGTCTTAGAGGTCATCCCCACTTCTGCTAGACGTGGTCAGAAATGC  
 CTGTGATCTTTCATTCTCTGGACAACTAGGCCTCTGGCGCTGTGGCCCTGGGATTGT  
 GGGGCTTTGTGGCCTCGTGTCTCCATCCTGTCTATTCTACCCTAATCTATCCCTGGCT  
 ACGACTCAAGCCCTGACCTTCCGGTACAGGATAAGGAGGGGACCTGAATTGGTGAGATGG  
 AATCTTAGATCGTCCCCATGTGCCAGCCTCATTGAATTTCTACTCTTTGGTTAAAGTTA  
 GAAATTCAGAGATTTAGGGTGGAGGAAGAGCTTTGGGGAAGATGAGGTAAAGAAAGATG  
 ACTCGTGAAGTTAATAGGATGTCTTAATTTCTAGATGTGCCTGAGCTTCTGTTCTTTTC  
 CTCTTTCTTTGTGCTCTCTTGAATATATTTACTTTGTGTCTCTTAACCTGTTTAAAGGT  
 TCTGTGCTATGCATCTCTCTTTCTTTTCAACCTTCTATTCTCTATCCAGGGAT  
 TTAATCAGCAGAATTACTTTTTGATAGGGGAGGTATAAGGTTTGGCCTGTAAGGTTCTAA  
 CTGCCTCTTTTTTCTCACAGAGGTGGCTTATGGCAGATTTTCTCCTTCAAACCTCAA  
 ACATAATTTTTAAGACTATGTGCCAGTGGACTTCCCTTATATCTCTGCACCACAAGTT  
 GTTGGATGTTTCTCTTCCCTTATGTCTACCTCACCAACCTCGCTCATCATTTGGCC  
 CTTATCCTTCTTGTACACCTACCTCAGATTTCTGCTTACACTTTGATTTAGAGCTTT  
 ATTCCCCAGTCTGTTCTTACTCCTTTGTCGCTTATCCAGAATGATGCTATGTGTAGCATC  
 TTGCTGTAATCCTGTACAATGATTCTGTGTAATAGCTGTGGCCTATGCCAATAATGAA  
 GAGCAAGCCTTTCAGGTAAGCAAATTAAGTTCAGTTTGCTCATCGAAAAAAAAAAAAA  
 A

**Restriction Sites:** Please inquire

**ACCN:** NM\_003846

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:**

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).