

# **Product datasheet for SC328395**

## PEX11B (NM 001184795) Human Untagged Clone

### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** PEX11B (NM\_001184795) Human Untagged Clone

Tag: Tag Free
Symbol: PEX11B

Synonyms: PEX11-BETA; PEX14B

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Fully Sequenced ORF: >SC328395 representing NM\_001184795.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

CTGTCTATTCTCACCCTAATCTATCCCTGGCTACGACTCAAGCCCTGA

**ACGCGTACGCGGCCGCTC**GAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT

TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-Mlul



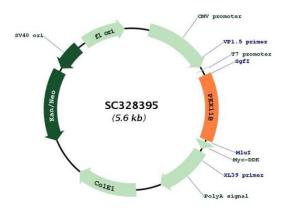
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#### Plasmid Map:



**ACCN:** NM\_001184795

**Insert Size:** 738 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).

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:** <u>NM 001184795.1</u>



### PEX11B (NM\_001184795) Human Untagged Clone - SC328395

 RefSeq Size:
 1642 bp

 RefSeq ORF:
 738 bp

 Locus ID:
 8799

 UniProt ID:
 096011

 Cytogenetics:
 1q21.1

**Protein Families:** Transmembrane

**MW:** 26.7 kDa

**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 (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform

1.