

## Product datasheet for **RG229757**

### PEX11B (NM\_001184795) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PEX11B (NM\_001184795) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PEX11B  
**Synonyms:** PEX11-BETA; PEX14B  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG229757 representing NM\_001184795  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGAAACTGAGGGCCGCCAGTATGCTTGCTCTTCTTGGCCATGCGCTGCAGAGGCATGGAGCCA  
GTCCTGAGTTACAGAAACAGATTCGACAACTGGAGAGCCACCTGAGCCTTGAAGAAAGCTTCTACGCCT  
GGGTAATCAGCAGATGCCCTTGAGTCAGCCAAAAGAGCTGTTACCTATCAGATGTTGCTGAGATTC  
TGCATCACTGTTAGTCACCTCAATCGAGCCTTGACTTCGCCTGTGACAATGCTCCTGTGGCTGGAAAGT  
CTGGACTGGCTCCCGTGTGGATCAGGAGAAGTGGGCCAGCGTTCATTACAGTACTATTTGTTTTCCCT  
CATCATGAATTTGAGCCGTGATGCTTATGAGATTCGCCTACTGATGGAGCAAGAGTCTTCTGCTTGTAGC  
CGGCGACTGAAAGGTTCTGGAGGAGGAGTCCCAGGAGGAAGTGAAGTGGGGGACTTGGGGGACCAGGGA  
CTCCAGGAGGAGGTCTGCCCAACTGGCTCTGAAACTTCGGCTGCAAGTCTGCTCCTGGCTCGAGTCTT  
TAGAGGTCATCCCCACTTCTGCTAGACGTGGTCAGAAATGCCTGTGATCTTTCATTCTCTGGACAAA  
CTAGGCCCTGTGGCGCTGTGGCCCTGGGATTGTGGGGCTTTGTGGCCTCGTGTCTCCATCCTGTCTATTC  
TCACCCATATCTATCCCTGGCTACGACTCAAGCCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG229757 representing NM\_001184795  
Red=Cloning site Green=Tags(s)

MGKLRAAQYACSL LGHALQRHGASPELQKQIRQLESHLSLGRKLLRLGNSADALESAKRAVHLSVVLRFCITVSHLNRALYFACDNVLWAGKSGLAPRVDQEKWAQRSFRYYLFSLIMNLSRDAYEIRLLMEQESSACSRRLKSGGGVPGGSETGGLGGPPTGGGLPQLALKLRLQVLLLARVLRGHPPLLLDVRNACDLFIPLDKLGLWRCGPGIVGLCGLVSSILSILTLIYPWLRLLKP

TRTRPLE - GFP Tag - V

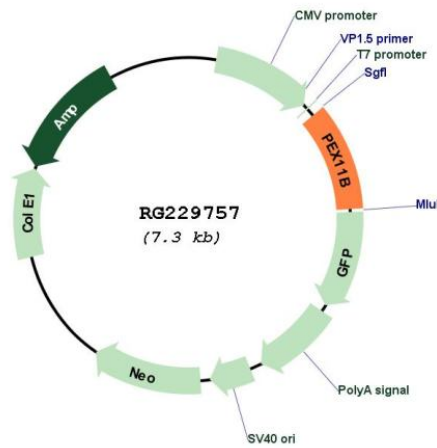
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_001184795

**ORF Size:** 735 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001184795.1</a> , <a href="#">NP_001171724.1</a>
<b>RefSeq Size:</b>	1642 bp
<b>RefSeq ORF:</b>	738 bp
<b>Locus ID:</b>	8799
<b>UniProt ID:</b>	<a href="#">O96011</a>
<b>Cytogenetics:</b>	1q21.1
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	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]