

## Product datasheet for **RG201338**

### PEX11C (PEX11G) (NM\_080662) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PEX11C (PEX11G) (NM\_080662) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PEX11C  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG201338 representing NM\_080662  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTCGCTGAGCGGCCTGGCGTCGGCGCTGGAGTCGTACAGGGGCCGGGACCGCCTGATCCGAGTGC  
 TGGGGTACTGCTGCCAGCTGGTTGGTGGAGTTCGTTGAACAGTGTCCCGCCAGGTCCGAAGTGGGGAC  
 ACGTCTGTTGGTGGTGTCCACCAACTCAGCCACTGCAGGACCATCTTGCAGCTCTTTGATGACCTGGCC  
 ATGTTTGTCTACACTAAGCAATATGGCCTGGGGGCACAGGAGGAGGACGCCTTTGTCCGCTGTGTCTCCG  
 TCCTAGGGAACCTGGCTGACCAGCTCTACTACCCCTGTGAGCACGTGGCCTGGGCGGCTGATGCCCGGGT  
 CCTCCACGTGGACTCTTCTCGGTGGTGGACGCTGAGTACAACCCTGTGGGCCCTCTCTGCTCCTGGGG  
 GTTGCCAGGTCCCTGTGGATGCTGCTGAAACTGAGACAGAGGCTGCGGAGCCCCACGGCGCCCTTACCA  
 GCGCGTCCCCGGGGCAAGCGGAGGGCCATGGAGGCGCAGATGCAGTCGGAGGCGCTGTCACTTCTCAG  
 CAACCTGGCCGACCTGGCCAACGCCGTGCACTGGCTGCCCGGGGCGTGTGTGGCCGGCCGCTTCCCG  
 CCGTGGCTAGTGGGCCTCATGGGCACCATCTCTCAATCCTCAGCATGTACCAGGCGGCCCGGGCCGGCG  
 GCCAGGCCGAGGCCACTACCCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG201338 representing NM\_080662  
 Red=Cloning site Green=Tags(s)

MASLSGLASALESYRGRDRLIRVLGYCQLVGGVLVEQCPARSEVGTLLVSTQLSHCRTILRLFDDLA  
 MFVYTKQYGLGAQEEDAFVRCVSVLGNLADQLYYPCEHVAWAADARVLHVDSSRWWTLSSTLWALSLLLG  
 VARSLWMLLKLRLRSPTAPFTSPLPRGKRAMEAQMSEALSLNLADLANAVHWLPRGVLWAGRFP  
 PWLVGLMGTISSILSMYQAARAGGQAEATTP

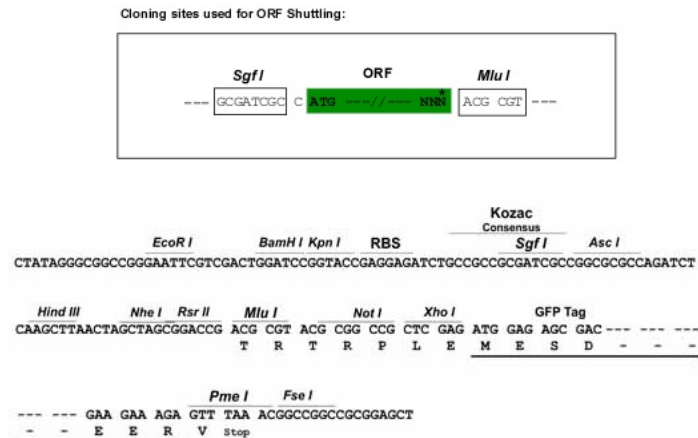
**TRTRPLE** - GFP Tag - V



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_080662

ORF Size: 723 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM\\_080662.4](#)

RefSeq Size: 1143 bp

RefSeq ORF: 726 bp

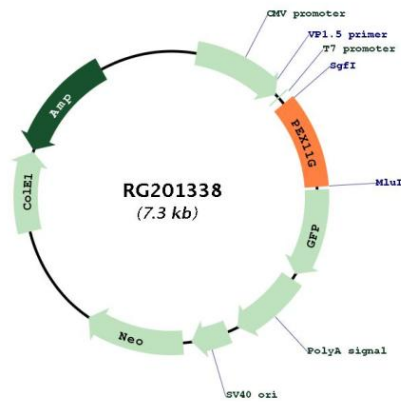
Locus ID: 92960

UniProt ID: [Q96HA9](#)

Cytogenetics: 19p13.2

**Gene Summary:** The protein encoded by this gene is a member of the PEX11 family. This family is reported to regulate the number and size of peroxisomes in evolutionarily distant organisms. The protein encoded by this gene may induce clustering of peroxisomes. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]

## Product images:



Circular map for RG201338