

Product datasheet for **RC233378**

PEX11C (PEX11G) (NM_001270539) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PEX11C (PEX11G) (NM_001270539) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: PEX11C
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233378 representing NM_001270539
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGTCGCTGAGCGGCCTGGCGTCGGCGCTGGAGTCGTACAGGGGCCGGGACCGCCTGATCCGAGTGC
 TGGGGTACTGCTGCCAGCTGGTTGGTGGAGTCTGGTTGAACAGTGTCCCGCCAGGTCCGAAGTGGGGAC
 ACGTCTGTTGGTGGTGTCCACCACTCAGCCACTGCAGGACCATCTTGCAGCTCTTTGATGACCTGGCC
 ATGTTTGTCTACACTAAGCAATATGGCCTGGGGGCACAGGAGGAGGACGCCTTTGTCGCTGTGTCTCCG
 TCCTAGGAACCTGGCTGACCAGCTCTACTACCCTGTGAGCACGTGGCCTGGGCGGCTGATGCCCGGGT
 CCTCCACGTGGACTCTTCTCGGTGGTGGACGCTGAGTACAACCCTGTGGGCCCTCTCTCTGCTCCTGGGG
 GTTGCCAGGTCCCTGTGGATGCTGCTGAACTGAGACAGAGGCTGCGGAGCCCCACGGCGCCCTTACCA
 GCATGTACCAGGCGGCCCGGCCGGCCAGGCCAGGCCACTACCCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233378 representing NM_001270539
 Red=Cloning site Green=Tags(s)

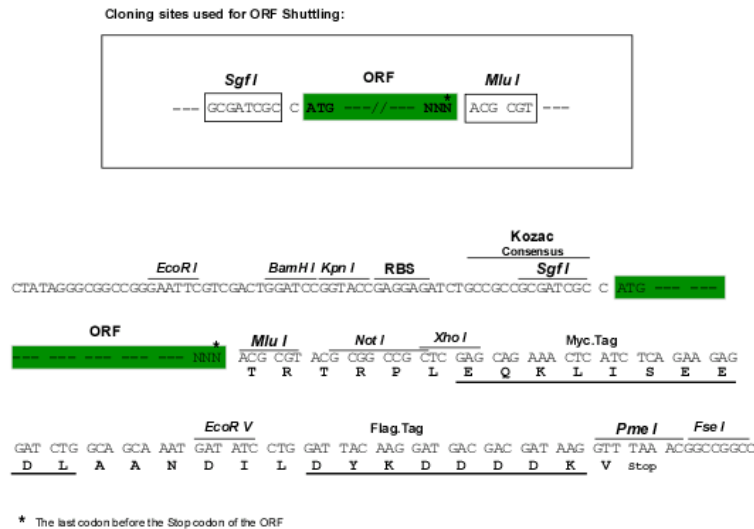
MASLSGLASALESYRGRDRLIRVLGYCCQLVGGVLVEQCPARSEVGTTRLLVVSTQLSHCRTILRLFDDLA
 MFVYTKQYGLGAQEEDAFVRCVSVLGNLADQLYYPCEHVAAADARVLHVDSSRWWTLSLTLWALSLLL
 VARSLWMLLLKLRQLRSPTAPFTSMYQAARAGGQAEATTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_001270539

ORF Size: 540 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_001270539.2](#)

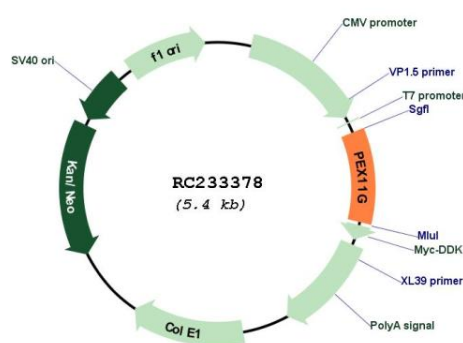
RefSeq Size: 903 bp

RefSeq ORF: 543 bp

Locus ID: 92960
UniProt ID: [Q96HA9](#)
Cytogenetics: 19p13.2
MW: 20.4 kDa

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 RC233378