

Product datasheet for **RC227669**

C17orf107 (NM_001145536) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C17orf107 (NM_001145536) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C17orf107
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC227669 representing NM_001145536
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGGGACCCCCAGCTCCCTGGACACCCTGATGTGGATCTACCACTCCACAGCTCCACCGAGGTGG
 CCCTCCAGCCCCCGCTTCTGTCTCCCTGGAACCTCCGTGGCCGCAGCCCATGAATATCTGGAGCAGAG
 GTTCAGAGAGCTGAAGTCCCTGGAGCCACCCGAACCGAAGATGCAGGGGATGCTGCCTGCCCGAAGCCC
 ACCCTGGGGCTGGTGTGAGAGAAGCCACAGCCAGCCTCGTGAGCTTCGGCACCACCTTGTAGAGATCT
 CAGCCCTGTGGCTGCAGCAGGAGCGCGCGGACTAGACGGCAGCGCGGGCCAGCCCCAGACGGCAGGGA
 TCCGGGTGCAGCGCTGAGCCGGGTAGCCCAAGCCGAGGGCAGGGGTTTCGGCAAGCTGGGGCTGCGGTG
 GGCGCCAGCGCCCGGCTCCTAGTCCAGGAGCATGGCTATGCCTGTGTGGACGGGTCTGCAGGGGTCTG
 CCTATTCTGCGACAGTCGCAACAGCAGCTAGGCCTCGGAATCCCCGGAACCGGTGAGCTCAGGACA
 CGGGGTGAGT

A**CGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227669 representing NM_001145536
 Red=Cloning site Green=Tags(s)

MKGTPSSLDLTMWIYHFSSTEVALQPPLSSLELSVAAAHEYLEQRFRELKSLPEPEPKMQGMLPAPKP
 TLGLVLREATASLVSGTTLLEISALWLQQEARRLDGSAGPAPDGRDPGAALSRVAQAAGQGVQAGAAV
 GASARLLVQAWLCLCGRGLQGSASFLRQSQQLGLGIPGEPVSSGHGVS

TRTRPLE**QKLISEEDLA**ANDILDYKDDDDKV

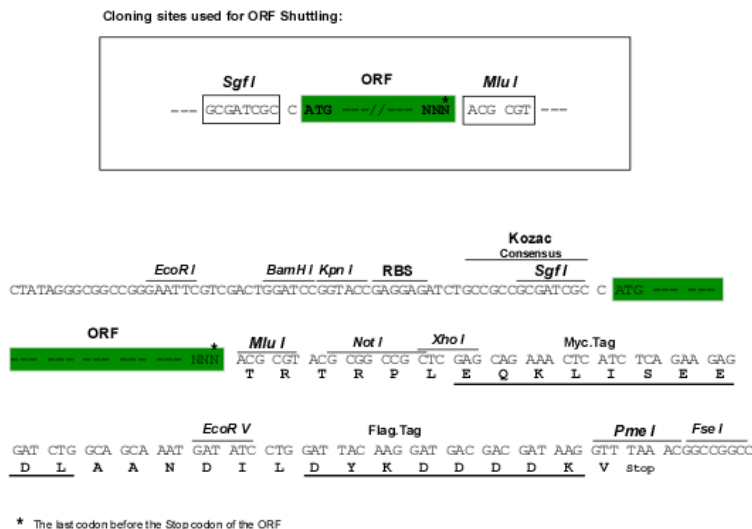
Chromatograms: https://cdn.origene.com/chromatograms/mk8038_b08.zip



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001145536

ORF Size: 570 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_001145536.2](#)

RefSeq ORF: 573 bp

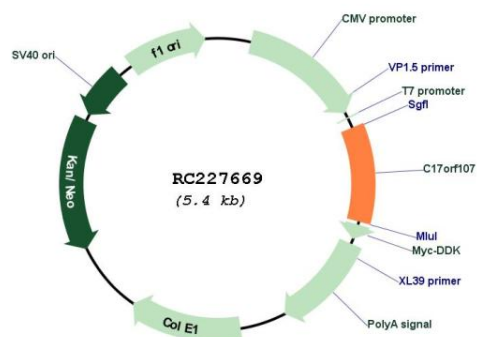
Locus ID: 100130311

UniProt ID: Q6ZR85

Cytogenetics: 17p13.2

MW: 19.8 kDa

Product images:



Circular map for RC227669