

Product datasheet for MR219120

Rpl19 (NM_001159483) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rpl19 (NM_001159483) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rpl19
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR219120 representing NM_001159483
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCAGGCTACAGAAGAGGCTTGCTCTAGTGTCTCCGCTGCGGGAAAAAGAAGGTCTGGTTGGATC
 CCAATGAGACCAATGAAATCGCCAATGCCAACTCCCGTCAGCAGATCAGGAAGCTGATCAAGGATGGGCT
 GATCATCCGCAAGCCTGTGACTGTCCATCCCGGGCTCGTTGCCGGAAAAACACCCTGGCCCGACGGAAG
 GGCAGGCATATGGGCATAGGGAAGAGGAAGGGTACTGCCAATGCTCGGATGCCTGAGAAGGTGACCTGGA
 TGAGAAGGATGAGGATCCTGCGCCGGCTTCTCAGGAGATACCGGGAATCCAAGAAGATTGACCGCCATAT
 GTATCACAGCCTGTACCTGAAGGTCAAAGGGAATGTGTTCAAAAACAAGCGCATCCTCATGGAGCACATC
 CACAAGCTGAAGGCAGACAAGGCCCGCAAGAAGCTCCTGGCTGACCAGGCTGAGGCTCGCAGGTCTAAGA
 CCAAGGAAGCACGAAAGCGCCGGGAGGAGCGCCTCCAGGCCAAGAAGGAAGATCATCAAGACTCTGTC
 CAAGGAGGAGGAGACCAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

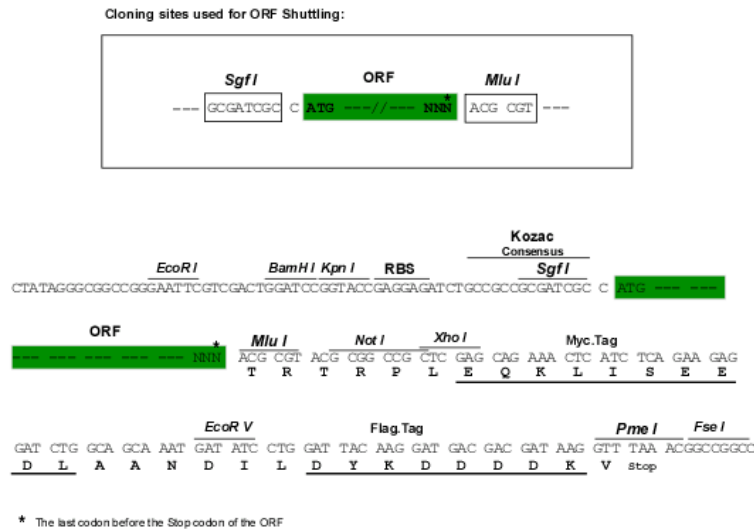
Protein Sequence: >MR219120 representing NM_001159483
 Red=Cloning site Green=Tags(s)

MLRLQKRLASSVLRGKKKVVWDPNETNEIANANSRQQIRKLIKDGLIIRKPVTVHSRARCRCRNTLARRK
 GRHMGIGKRKGTANARMPEKVTWRRMRILRLLRRYRESKKIDRHMYSLSYLVKGNVFNKRILMEHI
 HKLKADKARKLLADQAEARRSKTKEARKRREERLQAKKEEIIKTL.SKEEETKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001159483

ORF Size: 582 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.

RefSeq: [NM_001159483.1](#), [NP_001152955.1](#)

RefSeq Size: 747 bp

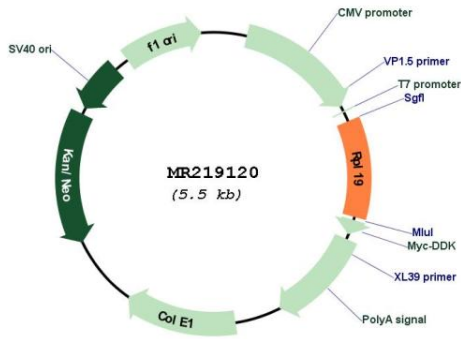
RefSeq ORF: 585 bp

Locus ID: 19921

Cytogenetics: 11 D

MW: 23.7 kDa

Product images:



Circular map for MR219120