

Product datasheet for MR204003

Mrpl19 (NM_026490) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrpl19 (NM_026490) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mrpl19
Synonyms:	9030416F12Rik; 9130412E02Rik; D6Ertd157e; MRP-L15; RLX1; Rpml15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204003 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCCTCCATGGCAGAAAGTTGTAGGGCGTCCCTGTACCTGGCCCGGAGCGTCCGAATGGCCAGGC
CACGGCTTGCTGCCTTCGCATCTGATGCCTGCCGTGTCTGCACGGGCCAAGCCGATTTAGAGCACCCGG
GCCTTCAGAGCCCGGTGGGTTCAAGCCACCGCCGAAACCTGTATCGTGGACCGGCCGAGTCCCGGAA
GACGAGAGAAGGTTCTGAGTCTGAATTCATCCCTCCAGGGGAGAACAACCCTCTGAAATTTAAGA
TAGAAAGAAAAGATATGCTAGACAGGAGAAAGGTCTCCGATTCAGAGTTCTATGTTGGAAGCATACT
TCGAGTCAACCACAGCCGACCCCTATGCCAGTGGAAAAACCGCCAGTTCCTGGGGATTTGCATCAAGCGA
TCAGGGAATGGGCTCGGGCTACTTTACCCCTCAGGAACACGATTGAAGGACAAGGTGTGGAGATTTGCT
TTGAACTGTATAATCCTCGAATCCAGGAGATCCAGGTGGTGAAGTTGGAGAAGCGGCTGGATGACAACT
GCTGTACTTACGGGACGCCCTTCCCGAGTACAGCACCTTTGACGTGAACATGAAGCCGGTCCCACAGGAG
GCCTGCCAGGAAGTGCCTGTTAACAAAGCTGAAAGTTAAATGAAGCCAAAGCCGTGGTCCAAACGCTGGG
AACGTCCAAACTCAACATTAAGGGAATCAGATTTGACCTTGCTTAACTGAAGAGCAAAATGAAGGAAGC
CCAGAAGTGGAACAAGCCATGGATTGAGTTTGATGATGAGAGAATATGACACTTCAAAAATTTGAAGCT
GCATTGTGGGAAGAAATAGAAGCATCGAAGAAGTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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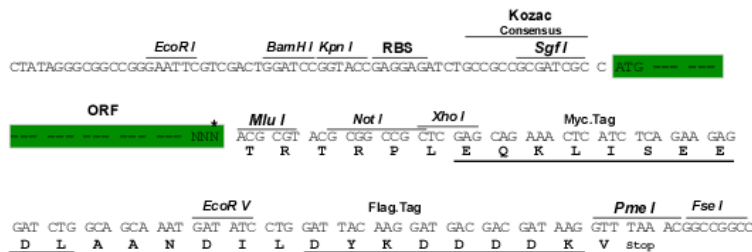
Protein Sequence: >MR204003 protein sequence
 Red=Cloning site Green=Tags(s)

MAASMAESCRASLYLARSVMARPRLAASFADACRVCTGPSRFQSTGPSEPGGFKPPPKPVIIVDRRRVPE
 DERRFLSPEFIPPRGRNPLKFKIERKDMLDRRKVLPIPEFYVGSILRVTTADPYASGKTSQFLGICIKR
 SGNGLGATFTLRNTIEGQVEICFELYNPRIQEIQVVKLEKRLDDNLLYLRLDALPEYSTFDVNMKPVPQE
 ACQEVPNKLVKMKPKPWSKRWERPNFNIGIRFDLALTEEQMKEAQKWNKPWIEFDMMREYDTSKIEA
 ALWEEIEASKKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_026490

ORF Size: 879 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_026490.2](#), [NP_080766.1](#)

RefSeq Size: 5016 bp

RefSeq ORF: 879 bp

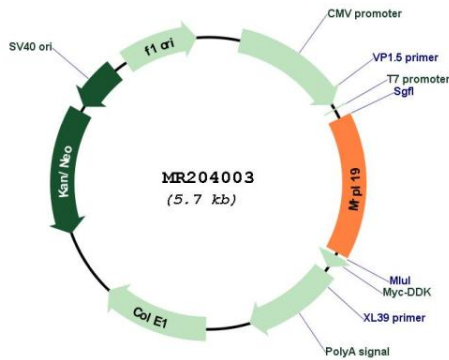
Locus ID: 56284

UniProt ID: [Q9D338](#)

Cytogenetics: 6 35.81 cM

MW: 33.6 kDa

Product images:



Circular map for MR204003