

Product datasheet for MR218298

Mrpl17 (NM_025301) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl17 (NM_025301) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mrpl17
Synonyms: MRP-L26; Rpml26
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR218298 representing NM_025301
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTTGTGCTGGCTGCCGCTATCTCCACGGCCGCTACCGCCGCTGGCCTGGGTCCGGAGT
 CCCGCATCCATCTGCTGCGGAATTGCTCACGGGCTAGTTCGCCACGAACGCATCGAGGCGACATGGGC
 ACGCGCGGACGAGATGAGGGGCTACGCGGAGAAGCTCATCGATTATGAAAAGCTGGGCGACACCAACGAA
 CGAGCCATGCGTATGGCTGACTTCTGGCTCACAGAGAAGGACTTGATCCCAAAGCTGTTAAAGTGCTAG
 CGCCTCGTTCCAAGGTGAGAATGGGAACACACAAGAATGCTACAGATCCCGAATCGGAAGGAGCAAGA
 TCGGGCCAAGATGGCGGTGATAGAATATAAAGGGAACACCTCCCTCCCTGCCTCTGCCTCACAGAGAC
 AGCAACCTTACTCTCTAAACCAGCTGCTCTGGGACTGCAGCAGGACCTGCACCATAACCAGGACGCAA
 GCCTCCACAGCTCCTGTACAGTTCAAACACCAAAGACT

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218298 representing NM_025301
 Red=Cloning site Green=Tags(s)

MRLSIAAISHGRVYRRLGLGPESRIHLLRNLLTGLVRHERIEATWARADEMRGYAEKLDYDKLGDNTNE
 RAMRMADFWLTKDLIPKLFKVLAPRFQGNQNYTRMLQIPNRKEQDRAKMAVIEYKGNLYPLPLPHRD
 SNLTLLNQLLLGLQDLHHNQDASLHSSCTVQTPKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

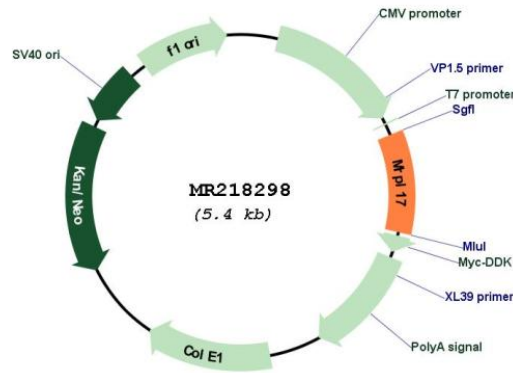


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Cloning Scheme:



Plasmid Map:



ACCN: NM_025301

ORF Size: 528 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_025301.2](#), [NP_079577.1](#)

RefSeq Size: 6712 bp

RefSeq ORF: 531 bp

Locus ID: 27397

UniProt ID: [Q9D8P4](#)

Cytogenetics: 7 E3

MW: 20.7 kDa