

Product datasheet for **MR201845**

Rpl9 (BC013165) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rpl9 (BC013165) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rpl9
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR201845 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGACCATTCTCAGCAATCAGACTGTGGACATTCAGAGAATGTCGAAATCACTCTGAAGGGGGCGCA
 CAGTCATTGTGAAGGGCCCCAGGGGGACTCTGCGGAGGGACTTCAATCACATCAACGTGGAGCTGAGTCT
 TCTTGGGAAGAAGAAGAAAGGCTCCGGGTTGACAAATGGTGGGGTAACAGAAAGAACTGGCCACCGTC
 AGGACCATCTGCAGTCATGTTCAGAACATGATCAAGGGTGTACGCTGGGCTTCCGATAACAAGATGCGTT
 CTGTGTACGCTCACTTCCCCATCAACGTCGTCATCCAGGAGAATGGCTCTTTGGTTGAAATCCGAAATTT
 CTTGGGTGAAAAATACATCCGCAGGGTTCGGATGAGGACAGGTGTGGCTTGTCTGTCTCTCAAGCCAG
 AAGGATGAGTTAATCCTTGAAGGAAATGACATTGAACTTGTTCAAATTCAGCTGCCCTGATTCAGCAAG
 CCACAACAGTTAAAAACAAGGATATCAGGAAGTTTTGGACGGCATCTATGTGTCTGAGAAGGAACTGT
 GCAGCAGGCTGACGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201845 protein sequence
 Red=Cloning site Green=Tags(s)

MKTILSNQTVDIPENVEITLKGRTVIVKGPRTLRRDFNHINVELSLLGKKKRRLRVDKWVWNRKELATV
 RTICSHVQNMIGVTLGFRYKMRVYAHFPINVVIQENGLVEIRNFLGEKYIRRVRMRTGVACSVSQAQ
 KDELILEGNDIELVSNAAAIQQATTVKNKDIRKFLDGIYVSEKGTVQQADE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: BC013165

ORF Size: 576 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: [BC013165](#), [AAH13165](#)

RefSeq Size: 702 bp

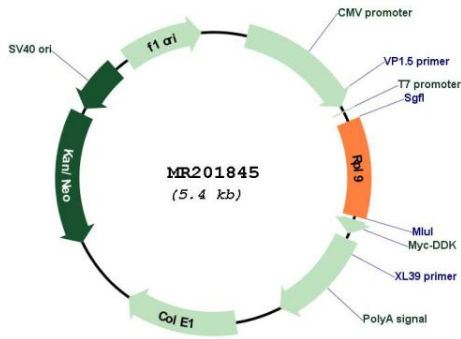
RefSeq ORF: 578 bp

Locus ID: 20005

Cytogenetics: 5 C3.1

MW: 21.9 kDa

Product images:



Circular map for MR201845