

Product datasheet for MR216947

Rpl9 (NM_011292) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rpl9 (NM_011292) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rpl9
 Synonyms: MGC102393
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR216947 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGACCATTCTCAGCAATCAGACTGTGGACATTCAGAGAATGACGAAATCACTCTGAAGGGGCGCA
 CAGTCATTGTGAAGGGCCCCAGGGGACTCTGCGGAGGGACTTCAATCACATCAACGTGGAGCTGAGTCT
 TCTTGGGAAGAAGAAGAAAAGGCTCCGGGTTGACAAATGGTGGGGTAACAGAAAGGAACTGGCCACCGTC
 AGGACCATCTGCAGTCATGTTCAGAACATGATCAAGGGTGTACGCTGGGCTTCCGATACAAGATGCGGT
 CTGTGTACGCTCACTTCCCCATCAACGTGTCATCCAGGAGAATGGCTCTTTGGTTGAAATCCGAAATTT
 CTTGGGTGAAAAATACATCCGCAGGGTTTGGATGAGGACAGGTGTGGCTTGTCTCTCAAGCCAG
 AAGGATGAGTTAATCCTTGAAGGAAATGACATTGAACTTGTTCAAATTCAGCTGCCCTGATTCCGCAAG
 CCACAACAGTTAAAAACAAGGATATCAGGAAGTTTTGGACGGCATCTATGTGTCTGAGAAGGGAAGTGT
 GCAGCAGGCTGACGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216947 protein sequence
 Red=Cloning site Green=Tags(s)

MKTILSNQTVDPENDEITLKGRTVIVKGRPTLRRDFNHINVELSLLGKKKKRLRVDKWWGNRRELATV
 RTICSHVQNMIKGVTLGFYKMRSVYAHFPINVVIQENGLVIEIRNFLGEKYIRRVWMTGVACSVSQAQ
 KDEILILEGNDIELVNSAALIRQATTVKNKDIRKFLDGIYVSEKGTVQQADE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_011292

ORF Size: 579 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_011292.1](#), [NM_011292.2](#), [NP_035422.1](#)

RefSeq Size: 737 bp

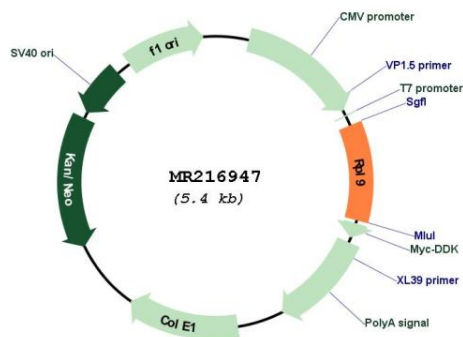
RefSeq ORF: 579 bp

Locus ID: 20005

UniProt ID: [P51410](#)

Cytogenetics: 5 C3.1
 MW: 22 kDa

Product images:



Circular map for MR216947