

Product datasheet for MR201245

Rpl29 (BC081467) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpl29 (BC081467) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rpl29
Synonyms: Rpl43
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201245 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAAGTCCAAGAACCACACCACACAACCAGTCCCCAAATGGCACAGAAATGGCATCAAGAAAC
 CCCGGTCGCAAAGATACGAATCTCTTAAGGGGTTGACCCCAAGTTCCTGAGGAACATGCGCTTTGCCAA
 GAAGCACAAAGAAGGCTGAAGAAGATGCAGGCCAACATGCAAAGGCAGTGTGCGCGCAGAG
 GCCATCAAGGCCCTGGTGAAGCCTCAGGCCATCAAGCCAAAGATGCCAAAAGCCCCAACTCAAGCGG
 TGGCTTTCATCGCTCACCCAAGCTTGGGAAGCGGATTCGAAGCTACATGGCCAAGGGTCAGAGGCTCTG
 CCAACCGAAGCCTAAGGTCCAAACCAAGGCAGGGGCCAAAGCTCCAGCTAAGGCCAGGCTCAGCTCCA
 GCTCAGGCTCCAAAGGTGCTCAGGCCCCAAAGGTGCCAGGCCCTGTGAAGGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201245 protein sequence
 Red=Cloning site Green=Tags(s)

MAKSKNHTTHNQSRKWHNRNGIKKPRSQRYESLKGVDPKFLRNMRFAKKNKGLKMKQANNAKAVSARAE
 AIKALVKPQAIKPKMPKGPPLKRLAFIAHPKLGKIRIRSYMAKGQRLCQPKPKVQTKAGAKAPAKAQASAP
 AQAPKGAQAPKGAQAPVKAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: BC081467

ORF Size: 480 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: [BC081467](#), [AAH81467](#)

RefSeq Size: 640 bp

RefSeq ORF: 482 bp

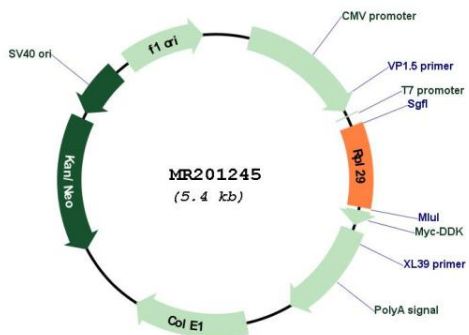
Locus ID: 19944

Cytogenetics: 9 F1

MW: 17.6 kDa

Gene Summary: Component of the large ribosomal subunit.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201245