

Product datasheet for MR201324

Rpl12 (BC081469) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rpl12 (BC081469) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rpl12
 Synonyms: E430018F03
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR201324 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGCCAAGTTCGACCCCAACGAGGTCAAAGTCGTGTACCTGAGGTGCACCGGAGGCGAGGTCGGCG
 CCACATCCGCCTTGCCCCGAAGATCGGTCCTCTGGGTCTGTCTCCAAGAAAGTTGGCGATGACATTGC
 CAAGGCTACCGGTGACTGGAAGGTCTCAGAATTACAGTAACTGACCATCCAGAACAGACAGGCCAG
 ATCGAGGTGGTGCCTTCTGCCTCAGCCCTGATCATCAAAGCCCTCAAGGAGCCACCGAGAGACAGGAAGA
 AGCAGAAGAACATTAACACAGTGGGAACATTACTTTTGATGAGATTGTCAACATTGCCCGCAGATGAG
 ACACCGGTCTTTGGCTAGAGAACTTTCTGGAATATCAAGGAGATCCTGGGTACTGCACAGTCTGTGGGC
 TGCAATGTGGATGGCCGCCACCCTCATGACATCATAGATGACATCAACAGTGGTGCAGTGGAGTGCCAG
 CTAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201324 protein sequence
 Red=Cloning site Green=Tags(s)

MPPKFDPNVYVYLRCTGGEVGATSALAPKIGPLGLSPKKVGGDDIAKATGDWKGLRITVKLTIQNRQAQ
 IEVVPSASALIIKALKEPPDRKKQKNIKHSGNITFDEIVNIARQMRHRSARELSGTIKEILGTAQSVG
 CNVDGRHPHDIIDDINSGAVECPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: BC081469

ORF Size: 495 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: [BC081469](#), [AAH81469](#)

RefSeq Size: 640 bp

RefSeq ORF: 497 bp

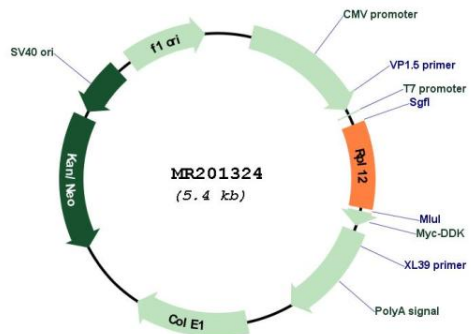
Locus ID: 269261

Cytogenetics: 2 B

MW: 17.8 kDa

Gene Summary: Binds directly to 26S ribosomal RNA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201324