

Product datasheet for MC204132

Mrpl14 (NM_026732) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl14 (NM_026732) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrpl14
Synonyms: 111000611Rik; AI846816; MRP-L32; Rpml32
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF:

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>BC027021
GGCGGGGCTTGCCAAGCGGGGGTCCGTGGCGGGAGATCCCAGGCTGTTAACCGGGTTTGCCGTCTTGG
GATCCCATGGCCGCCCTTACTGGGCTTTGGGGCTCTTTTGCCCATGTCAGCAGAGCATTAGCCAGCGCT
GCTTCAGCACCTCTGGGAGCCTCAGTGCCGTCCAGAAGATGACTCGGGTCCGAGTAGTGGACAACAGCGC
CCTGGGCAGCACCCCATACCATCGGCCACCCCGGTGCATCCACGTCTATAACAAGAGTGGGGTGGGCAAG
GTGGGCGACCATCTGCTGGCCATCAGGGGGCAGAAGAAGAAAGCACTCATCGTGGGACACCGCATGC
CCGGCTCCGAATGACCCCAAAGTTTGACTCCAACAACGTGGTCTCATTGAGGACAATGGCAACCTGT
GGGGACTCGAATTAATACTATCCCAGCAGCCTTCGCAGAAGGAAGGAGAGTATTCCAAGTCTGTG
GCCATCGCTCAGAACTTTGTGTGAGCAGAGCGGCTCTGGGCTCCTGCCACACTGGTGACAGTGTCTGTGA
GCAGAATAAATGTTTAAATGTATGTTTTCTTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
```

Restriction Sites: RsrII-NotI

ACCN: NM_026732

Insert Size: 438 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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).



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC027021](#), [AAH27021](#)

RefSeq Size: 672 bp

RefSeq ORF: 438 bp

Locus ID: 68463

UniProt ID: [Q9D1I6](#)

Cytogenetics: 17 C

Gene Summary: May form part of 2 intersubunit bridges in the assembled ribosome. Upon binding to MALSU1, intersubunit bridge formation is blocked, preventing ribosome formation and repressing translation.[UniProtKB/Swiss-Prot Function]