

Product datasheet for MR200542

Mrpl53 (BC065995) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl53 (BC065995) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mrpl53
Synonyms: 1110007K17Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200542 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCGGCGGCTTTGGCTCGGCTCGGACTACGGCCGGTCAAGCTGGTTCGAGTTCAGTTCTGCCGTTTG
 AGAAGAACGTGGAGTCCACGAGGACCTTCTCCAGACGGTGAGCAGCGAGAAAGTCCGCGCCACCAACCT
 CAACTGCTCTGTGATCGCCGACGTGAGGCACGACGGCTCTGAGCCCTGCGTGGACGTGTTGTTCCGGAGAT
 GGGTATCGGCTGATTATGCGCGGTGCCACCTCACCCTCAGGAAATGTTAAGTGCCTTGGCCTCCCACA
 TCCGGGACAGGAACGCCGCGCAGCATCTGCACCGGGCGCAGACAAGGTCGCCCGGGTACGAGTACCCG
 CCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200542 protein sequence
 Red=Cloning site Green=Tags(s)

MAAALARLGLRPVKLVRVQFCPFKENVSTRFTLQTVSSEKVRATNLNCSVIADVRHDGSEPCVDVLFGD
 GYRLIMRGAHLTTQEMLSALASHIRDRNAAAASAPGADKVAPGTSTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: BC065995

ORF Size: 354 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: [BC065995.1](#)

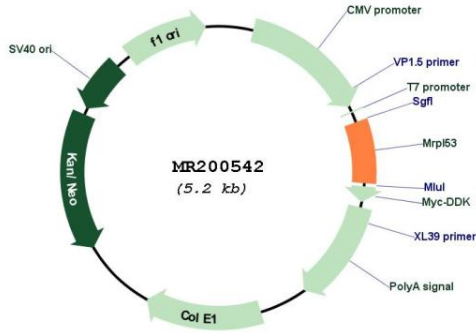
RefSeq Size: 1866 bp

RefSeq ORF: 356 bp

Locus ID: 68499

Cytogenetics: 6 C3
 MW: 12.7 kDa

Product images:



Circular map for MR200542