

Product datasheet for MR200795

Mrpl55 (BC028538) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl55 (BC028538) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mrpl55
Synonyms: 2810038N09Rik; L55mt; MRP-L55
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200795 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCCTTTGGCCATTCTGCTTAGTGCTGCACGCTGTCCGTAGCCTGCTGAGGCATTGTGGTGTGAGAG
 CACCCCTTACCTACACCCCGCCACCTACACACATCCCTTGGAGAGCTGACTGCAGCAGGGCTTCACTCAC
 TCGACTGCGCCGAAGCCTATGCTCGCCTCTACCCTGTGCTCTGGTCAAGCAGGACGGCTCCACTATC
 CATATCCGATACCGGGAGCCACGACGCATGCTGGCGATGCCCTAGACCTGGATGCCCTGTCTCCAGAAG
 AGCGCAGGGCCCGTTCCGAAAACGGGAGGCTCAGCTCCAGCAGAAGAGGGAAGAAGAGCCAGAGGTAGT
 GGACAGTTTTGACTGAACGATATAAACAGTTTTGGACCAAGACCAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200795 protein sequence
 Red=Cloning site Green=Tags(s)

MPLAILLSACTSVRSLLRHCGVRAPLPTPRHLHTSPWRADCSRASLTRLRRQAYARLYPVLLVKQDGSTI
 HIRYREPRRLAMPLDLDALSPERRARFRKREAQLQQKREEEPEVVDSFDTERYKQFWTKTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: BC028538

ORF Size: 402 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: [BC028538](#), [AAH28538](#)

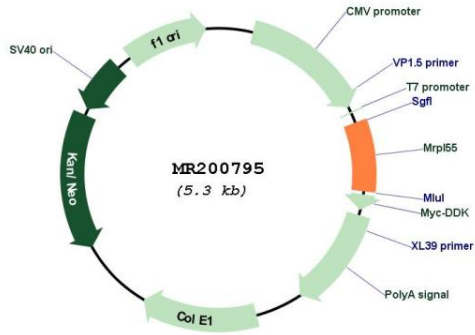
RefSeq Size: 746 bp

RefSeq ORF: 404 bp

Locus ID: 67212

Cytogenetics: 11 B1.3
 MW: 15.9 kDa

Product images:



Circular map for MR200795