

Product datasheet for **MC200407**

Mrpl12 (NM_027204) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl12 (NM_027204) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrpl12
Synonyms: 0610034O11Rik; 1500031N16Rik; MRP-L12; Rpml12
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF:

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>BC005712 sequence for NM_027204
GTGACCTTCCCGCTTGCGGAGCTATGCTGCCGGTGGCGGCTAGCCGCTGCCTGTGGGGGCCACGGCTTGG
ACTCCGGGGGGCAGCGCTTCGCCTTGCCAGGCAACAGATGCCAGCGTCTGTGCAGCGCGGCAGTTGAGA
AGCAGCAGCCACCGAAGGAGTGAAGCACTCGCCGGCGCACCTCTGGATAATGCTCCCAAAGAATACCCCC
CCAAGATCCAGCAGCTGGTCCAAGACATTGCCAGCCTTACGCTCCTGGAGATCTCAGACCTCAACGAACT
CCTGAAGAAAACATTGAAGATCCAGGATGTGGCCTTATGCCAATGGGTGGCATGGTGCCTGGTCCCGTC
TCTGCTGCAGCACCGCCTCTGAGGCGGCCGAGGAGGAAGACGTCCCAAACAGAAAGAGCGGACACACT
TCACCGTCCGCTGACAGAGGCAAAGCCTGTGGACAAAGTAAAGCTGATCAAGGAGATCAAGAACTACGT
CCAGGGCATCAACCTCGTCCAGGCCAAGAAGCTGGTAGAGTCCCTGCCCCAGGAAATCAAAGCCAACGTC
GCCAAAGCTGAGGCCGAGAAGATCAAAGCAGCCTTGGAGGCAGTGGGTGGCACCGTGGTTCTGGAGTGAG
GCATGGTTATGAGGACTTACGGACTAGAGTTCTGGGATCCGGGCAAAGCCTGCTCACCCGATTCACTCC
CAGCTGCTGTGGTGGGAGCAACAGCTAGTGACGCGAGTGCCGAAGTCTCCTGAGAGGGACAGGATGGAC
CTACTGTGATGGGTGGGCGAGTGACAACCTTTGCAGAACTCACAAGAGATTGCCTTGGGAGCTTACCAA
GTGAACACACCCTCTGGTGGCTACTGAGAAAATATACTATTAGGCTGGGGTGTTCATAGTGGTGTGT
GTGCCCAGGGCTGGGAGTATAAAGGACCACCTGGAGGCCAAAAAAAAAAAAAAAA
  
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Restriction Sites: RsrII-NotI
ACCN: NM_027204
Insert Size: 606 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC005712 , AAH05712
RefSeq Size:	963 bp
RefSeq ORF:	606 bp
Locus ID:	56282
UniProt ID:	Q9DB15
Cytogenetics:	11 E2
Gene Summary:	As a component of the mitochondrial large ribosomal subunit, it plays a role in mitochondrial translation. Associates with mitochondrial RNA polymerase to activate transcription. [UniProtKB/Swiss-Prot Function]