

Product datasheet for **MC210862**

Mrpl44 (NM_001081210) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl44 (NM_001081210) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrpl44
Synonyms: 1810030E18Rik; 5730593H20Rik; A1463302
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210862 representing NM_001081210
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTCTGCTGTATTCCGGTTGCTGCAGCAGGGCCCTCGCCGCTATTGGCTCCGGCCGTCACCCAGC
TGGCTCCTCCGGTTCGGGAGTGAAGAAGGATTCCGTGCCGCTTCCGCTTCCAGAAAGAGCTGGAGCG
ATGGCGCTGCTACGCTGCCCGCCGCCAGTGCAGCGCTCAGAGAAGCCAACTGGGATTACCATGCG
GAGGTACAAGCCTTTGGATCTCGCTTACAAGAAACCTTTTCGTTGGACCTTCTCAAAGCTGATTTATCA
ATAGCTGTACATCAAAGCGAAGAGGCCAAACGTCAGAGCCTTGGCATAGAGAAAGAAGCTGCTCTTCT
GAATCTTAAGGACAATCAGGAAGTTCGAAACAAGGGCTGCTTTTTTACATCGGTGCCTCACACAGTTT
CTCGAAGACGAATCCCAGACTTGCCTGCCGCAAGGCACTGAGAGTCTAGTTAGCTTTCTCACTGGTGAGG
CAGTTGTCTGTACGTTGGCCAGGAAGTGGCTGTGGAGCAGTTGACCCTCAGTGCAGAAATTCCTGTCCC
CCTGCCTGTCTTACGTCAGACTTTCTTCGCGGTATTGGAGCCCTGCTGCAGAGCAGTGGCCCTGAAAGG
GCTGCACTGTTTCATCAGGGACTTTTTAATTACACAAATGACGGGAAAGAGCTCTTTGAGATGTGGACCG
TCGTAATCCCATGGGACTACTCGTAGAGGAGCTGAAGAAGAGAAACATCTCAGCTCCTGAGTCTCGACT
CACCAGGCAGTCTGGAAGCACAAGTCTGCTGCCTTTATATTTTGGTTTATACTGTGACAGAAAGCTG
ATTGCAGAGGGACCTGGGAAAGTACTCGTTGAGAGGAAAGAGCTGCGCGCTGGCCCTCAGGAAGC
TGTACGGATTACAGAGAACAGGCGCCCTGGGACTACTCCAAGCCCAAAGAGAGCCCAAAGAGAGCAGA
GCAAACCAGCGTTGCCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081210



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Insert Size:	1002 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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001081210.1</u> , <u>NP_001074679.1</u>
RefSeq Size:	1424 bp
RefSeq ORF:	1002 bp
Locus ID:	69163
UniProt ID:	<u>Q9CY73</u>
Cytogenetics:	1 C4
Gene Summary:	Component of the 39S subunit of mitochondrial ribosome. May have a function in the assembly/stability of nascent mitochondrial polypeptides exiting the ribosome. [UniProtKB/Swiss-Prot Function]