

Product datasheet for **RN201876**

Mrpl17 (NM_133539) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrpl17 (NM_133539) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mrpl17
Synonyms:	L17mt; MRP-L17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201876 representing NM_133539 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAGGTTGTCTTTAGCTGCCGCTATCTCCACGGCCGCGTCTACCGCCGCTGGGCCTCGGTCCCAGT
CCGGATCCACCTTCTACGGAATTGCTCACAGGCCTAGTTCGCCACGAACGCATCGAGGCGACATGGGC
ACGCGTGGACGAGATGAGGGGCTACGCGGAGAAGCTCATCGACTATGAAAAGCTGGGAGACACCAACGAA
CGAGCCATGCGTATGGCTGACTTCTGGCTCACTGAGAAGGACTTGATCCCAAAGCTGTTAAAGTGTAG
CGCCTCGTTCCAAGGTCAGAAATGGCAACTACACAAGAATGCTACAGATCCCGAATCGAAAGGAACAAGA
TCGGGCCAAGATGGCAGTGATAGAATATAAGGGGAAGTGCCTCCCTCCCTGCCTCTGCCTCACAGAGAT
AGCAACCTTACTCTCCTAAACCAGCTACTCCTGGGACTGCAGCAGGACCTGCACCATAACCAGAAAAGCAA
GCCTCCACAGCTCCCATACAGTTCAAACACCAAAGACT**TAA**

AG**GACCG**ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_133539

Insert Size: 531 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:	<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:	NM_133539.2 , NP_598223.2
RefSeq Size:	1179 bp
RefSeq ORF:	531 bp
Locus ID:	171061
UniProt ID:	Q6PDW6
Cytogenetics:	1q32
Gene Summary:	may act as a structural constituent of the ribosome; may be associated with a Na(+)/Ca(2+) exchanger [RGD, Feb 2006] Transcript Variant: This variant (2) retains an intron in the 3' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.