

## Product datasheet for **RR201727**

### Mrpl35 (NM\_001106596) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrpl35 (NM\_001106596) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Mrpl35  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR201727 representing NM\_001106596  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGCCCTCCATCTTCATGGGCGCCGTGAGAGCTGCCTCAGGAATATTACGTCCCTCAATGTCTCGG  
TTTCGTCAACCTATCGAACTGTGCCAGGAATGCCTGTCTTAGTTCTGCGCTCGCACCATTCCTTTT  
ACATATTCAGACATCAGTTGTTTCCTCTGCTCCAAGCTTGCAAGTCTGTCGGACACCTGGCATATGGG  
CACACGGCATCAGTCCTTAATAGAGTGGCCACATTGGTTCCCAAGTGTCTTGAAGCCTCCGGTCAGAGCTC  
TGACGTAAGTGCAGTGCACGAAAGGAAAGAGAAAGACAGTGAAGTTCGGTGTGCATCGCTTCTCCGACT  
TCACTCTGGCCTTTGGCTAAGGAGAAAGGCTGGCTATAAGAAAAAATTATGGAAAAAGTCAACTGCAAGA  
AAGAAGCGCTTGAGGGAATTCGTGTTCTGCAATAAGACCCAGAGTAACTCCTAGATAAAATGACGACAT  
CTTTCTGGAAGAGGCGCAACTGGTACACTGGTATCCCTACCAGATGTACCATGATCGGACAAACCTGCG  
GGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR201727 representing NM\_001106596  
Red=Cloning site Green=Tags(s)

MAASIFMGAVRAASGILRPLNVSVSSTYRNCARNAQLSSALRTIPFRHIQTSVSVSAPRLVKSVDHLYG  
HTASVLRVATLVPSVLKPPVRALTYCSARKGKRKTVKSVVHRFLRLHSLWLRKAGYKKLWKKSTAR  
KKRLREFVFCNKLTQSKLLDKMTTSFWKRRNWTGDPYQMYHVRTNLRV

**TRTRPLEQKLISEEDLAANDILDYKDDDDK**V

**Restriction Sites:** Sgfl-MluI

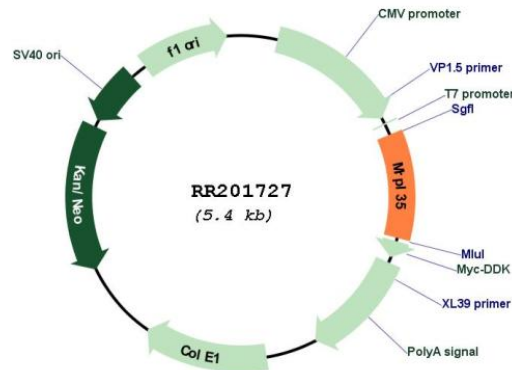


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001106596

ORF Size: 564 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001106596.1, NP_001100066.1</u>
<b>RefSeq Size:</b>	1631 bp
<b>RefSeq ORF:</b>	567 bp
<b>Locus ID:</b>	297334
<b>Cytogenetics:</b>	4q31
<b>MW:</b>	21.5 kDa