

## Product datasheet for **RR213389**

### Rpl6 (NM\_053971) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpl6 (NM\_053971) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rpl6  
**Synonyms:** MGC93267  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR213389 representing NM\_053971  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGGGTGAAAAGGCGGAGAAGCCTGATAAAAAGGAGCAGAAACCTGCAGCCAAGAAGGCTGGCGGTG  
ATGCTACTGCCCCCGGGCCCTGCCGCTGGTGGCGTCAAAAAGAGTAGTTCTAAGGCTAAAAGCTGAG  
GAAGAGTAAGCCCATTGCAGCCGGAACCTGTCTGGTGGAGGAATCGGCAGGATATCCCGATCTGCT  
ATGTATCCAGAAAGCCCTGTACAAAAGGAAATACTCTGCTGCCAAGACAAAGTTGAGAAGAAGA  
AGAAAGAAAAGGTCCTTGTACCGTCACAAAACAGTTGGTGGGACAAGAACGGTGGCACCCGGGTGGT  
GAAGCTTCGAAAATGCCTAGGTATTACCTACTGAAGACGTGCCTCGGAAGCTGCTGAGCCACGGCAAG  
AAGCCCTTCAGCCAGCACGTGAGGAGGCTGCGCTCCAGCATCACTCCCGGACTGTCTGATCATCCTCA  
CTGGGCGCCACAGGGCAAGAGAGTGGTTTTCTCAAGCAGCTGGGCAGTGGCTTGTACTTGTGACTGG  
ACCTCTTGCCCTCAACAGAGTTCCTCTGCGTAGGACACACCAGAAGTTTGTATCGCCACCTCTACAAA  
GTTGATATCAGCAAGTTAAAATCCCAAACACCTGACTGATGCTTACTCAAGAAGAAGCCACTTCGCA  
AGCCCAGGCATCAGGAGGTGAGATCTTCGACACAGAGAAGGAGAAATACGAAATTACAGAGCAGCGAAA  
GGCTGATCAGAAAGCTGTGGACTCGCAGATTTTGCCAAAGATCAAAGCTGTCCCCAGCTCCAGGGCTAC  
CTGCGGTCTCAGTTCTCCCTGACGAACGCATGTACCCTCACAACTGGTGTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR213389 representing NM\_053971  
 Red=Cloning site Green=Tags(s)

MAGEKAEKPKKEQKPAACKAGGDATAPRALPAGAVKKSSSKAKKLRKSKPHCSRNPVLRVIGGRYSRSA  
 MYSRKALYKRKYSAATKVEKKKKKEKVLATVTKTVGGDKNGGTRVVKLRKMPRYPTEDVPRKLLSHGK  
 KPFSQHVRRRLRSSITPGTVLIIILTGRHRGKRNVFLKQLGSGLLLVTGPLALNRVLRRTTHQKFVIATSTK  
 VDISKVKIPKHLTDAYFKKKPLRKRPHQEGEIFDTEKEKYEITEQRKADQKAVDSQILPKIKAVPQLQGY  
 LRSQFSLTNGMPHKLVF

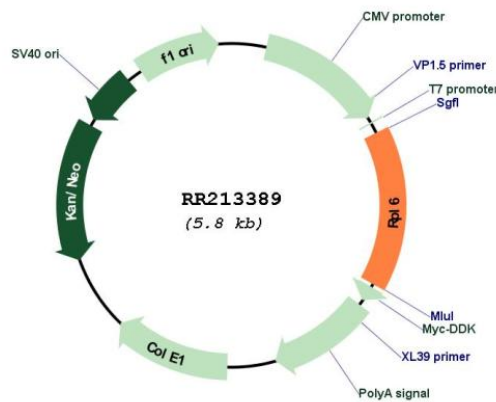
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_053971

ORF Size: 894 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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>	<a href="#">NM_053971.3</a> , <a href="#">NP_446423.2</a>
<b>RefSeq Size:</b>	958 bp
<b>RefSeq ORF:</b>	897 bp
<b>Locus ID:</b>	117042
<b>UniProt ID:</b>	<a href="#">P21533</a>
<b>Cytogenetics:</b>	12q16
<b>MW:</b>	33.6 kDa
<b>Gene Summary:</b>	60S ribosomal subunit protein [RGD, Feb 2006]