

## Product datasheet for **RN217272**

### **Rps6ka6 (NM\_001191721) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rps6ka6 (NM_001191721) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rps6ka6
Synonyms:	RGD1560817
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217272 representing NM\_001191721  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTGAATTTTGAAGGACACGACACACCATCTGGCCACAGGTCCAACCTCTAGCTTGAACCTGTTCT  
 GTTGCTTTCCGTTTTTTGGATGTCGTCGACAATCCAGGAGTCGGCAGCGGGCGGGGACCCCTGTGGTCCC  
 TCTTTTGAAGTACCCGCCTTTGGCGAGGTGAGCAGTCACCCAGCGCGAGTCCTGGTCTACGAAGAAGAC  
 CACGAGCCAGCTCAGCAGGCGGGATGCATGCTGGTGTGGGGACAAGCAGCTTCTTTTCGAGTGTTCTCTG  
 AAGCGCGATGCTACCATTGCTCCTGTGGAGGATCCCTGGGACGAAGAAATGGAGGTGTTCCGCGAGTGG  
 CAGCACGAGCAGTAGCGAGCCACAGATTGTGTTTACCATGAAGACTGCGGCGATGGTTATTCGACAGCAT  
 GAACACAAAGAGGTAATGATCTTAAAAAGTTGATGAACCAATGGATGAGGGAGAGCCAGTTTTTTGCC  
 GCGGGAAAGATTTGGTTAAAGAAATCCCTATTACACAGCATGTTAAAGAAGGATATGAGAAAGCAGATCC  
 CGCACAGTTCGACTTGCTCAAGGTTCTTGGTCAGGGATCTTTTGGAAAGTTTTTTCTTGTAGAAAAGAG  
 ACTGGTCTGATGCTGGGACGCTCTATGCAATGAAGGTGTTAAGAAAAGCTTCTTTGAAGTTCCGAGACC  
 GTGTTTCGCACAAAGATGGAGAGGGATATACTGGTGAAGTAAATCATCCTTTTATCGTCAAACCTGCACTA  
 TGCTTTTCAGACTGAAGGGAAGCTGACTTAATATTGGATTTCTCAGGGGAGGAGATGTCTTCAACAAGA  
 TTATCCAAAGAGGTTCTTTTACAGAGGAAGATGTGAAATTTCTACCTTGCAGGAAATGGCCCTAGCTTTGG  
 ATCATCTGCATCGATTAGGAATTGTGTATAGAGACCTGAAGCCAGAGAACATCTTGTGACGAAATAGG  
 ACATATCAAGTTAACAGATTTTGGGCTGAGCAAAGAGTCAGTGGATCAAGAAAAGAAAGCCTACTCCTTC  
 TGTGGTACTGTAGAATACATGGCCCCGAAGTAGTAAATCGAAGAGGCCATTCTCAGAGTGCTGATTGGT  
 GGTCAATGGTACTTATGTTTGAATGCTTACTGGCACATTGCCATTTCAAGGAAAGCAGAGAATGA  
 GACCATGAATATGATACTGAAAGCAAAACTTGGAAATGCCCAATTCCTTAGTGCTGAAGCACAAAGCCTT  
 TTAAGGATGTTATTCAAAGGAATCCAGCAAATAGATTGGGATCAGAAGGAGTTGAAGAAGTCAAAGAC  
 ATGCTTTTTTCTCTTCCATTGACTGGAATAAATATATAAAAGAGAAGTTCAGCCTCCTTTCAGACCTGC  
 TTCTGGAAAACCAGATGATACTTTTTGTTTTGATCCTGAATTTACTGCCAAAACACCTAAAGATTCTCCT  
 GGTGGCCAGCCAGCGCAAATGCTCATCAACTCTTCAAAGGATTCAGTTTTGTTGCGACTTCTATCGCAG  
 AAGAATAAAAATCACTCCTGTTACAAGTTCAAATGTATTGCCAATCGTTCAGATAAATGGAAATGCTGC  
 TCAATTTAGTGAAGCGTATGAGTTGAAAGAGGATATTGGTATTGGATCTTACTCTGTTTGAAGCGATGC  
 ATACATTCAGCTTCCAACATGGAATTTGCAGTTAAGATCATTGATAAAAAAAGAGAGACCCCTCAGAAG  
 AAATTGAAATTCGATGCGCTATGGACAACATCCAACATTATCTCTTTAAAGGAGGTCTTTGATGATGG  
 GAAATATGTTTACCTTGTACGGACTTGATGAAAGGAGGAGAAGTCTGGATCGCATTCTCAAAAAGAAA  
 TGTTTTCTCAGAGCAGGAAGCTAGTAATGTGCTGTATGTAATTACCAAGACAGTTGAATACCTTATTCTC  
 AAGGAGTCGTTTACGATCTTAAGCCAGTAATATTTTGTACATGGATGAATCAGGCCATCCAGATTC  
 AATCAAGATCTGTGACTTTGGATTTGCAAAACAGCTTCGAGGAGAAAAAGGACTTCTGTTAACTCCATGC  
 TACTGCAAACCTTTGTAGCCCCGAGGTTCTCACTCAACAGGGATATGATGCTGCCTGTGATATTTGGA  
 GCTTAGGAGTCTTTTGTACACAATGTTGGCTGGCTCACTCCATTTTCAAATGGACCAATGATACTCC  
 TGAGGAAATACTTCTGCGCATAGGCAATGGGAGTTCTCTTTGAGTGGTGAATCTGGGATAAATTTCA  
 CGTGGAGCAAAGGATTTGCTTTTTCATATGCTTACATGGACCCACATCAGCGTTATACTGCTGAACAAG  
 TATTAAGCACCTTGGATAACCCAAAGAGAACAAGTCCCGCTCATCAGCCAACCTCAGATGACCCGCC  
 ACAGGAAGCAGTGGCTGCAGCATATTCTGTTTTGGCTCGGAACCAAGAGGCATCCAATCCTGGAGCCT  
 GTTGCTGCTTACGTTTAGCTCAGAGACGTAACATGAAAAAGCGAACATCAACTGGCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001191721  
**Insert Size:** 2583 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001191721.1, NP_001178650.1</u>
<b>RefSeq Size:</b>	2583 bp
<b>RefSeq ORF:</b>	2583 bp
<b>Locus ID:</b>	317203
<b>Cytogenetics:</b>	Xq31