

Product datasheet for **RN202057**

Rps6kb2 (NM_001010962) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6kb2 (NM_001010962) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rps6kb2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202057 representing NM_001010962
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCGTGTTTATTAGACTTGGAGACCGAGGAAGGAAGTGAGGGCGAGGGCGAGCCGGAGTTCA
 ACCCTGCGGACGTGTGTCCCTTGGCGAGTTAAGGGCTGCTGGCCTGGAGACAGTGGGACACTATGAGGA
 GGTGAACTGACAGAGAGCAGCGTCAACCTGGGTCTGAGCGCATCGGACCCCACTGCTTTGAGCTACTG
 AGTGTCTGGGCAAGGGGGTTATGGCAAGGTGTTCCAGGTGAGAAAAGTGAAGGCACCAACTGGGCA
 AAATATATGCCATGAAAGTCTTGAGAAAGGCCAAGATTGTATGCAGTGCCAAGGACACAGCACATACCCG
 GGCTGAGCGGAACATTCTAGAATCGGTGAAGCACCCCTTCATTGTAGAAGTGGCCTATGCTTTCCAGACA
 GGTGGCAAACCTACCTCATCTGGAGTGCCTCAGTGGTGGTGGAGCTCTCACACATCTTGAGCGAGAAG
 GCATCTTCTGGAAGACACAGCCTGCTTCTACCTGGCAGAGATCACACTAGCCCTGGGCCATCTCCATTC
 CCAAGGCATCATCTACCGGGATCTCAAGCCCGAGAACATCATGCTCAACAGCCAGGGCCATATCAAAGT
 ACAGACTTTGGACTCTGCAAAGAGTCCATTCATGAGGGTGTATCACTCACACCTTCTGTGGCACCATTG
 AGTACATGGCCCCAGAGATTCTAGTGCATCGGTCAACACCGGGCAGTGGACTGGTGGAGCCTGGGAGC
 CCTGATGTACGACATGCTCACTGGATCGCCGCCCTTACCAGCAGAGAACCAGGAAAGAAATATGGATAAA
 ATCATTAAAGGGAAGCTGGTGTGCCCCCTACCTCACCCGGATGCCCGGGACCTTGCCAAAAGTTTC
 TGAAGCGGAATCCCACTCATCGAATTGGGGTGGCCAGGAGATGCTGCTGATGTGCAGAGGCACCCGTT
 TTTCCGGCACATCAATTGGGATGACCTCTTGGCCATCGTGTAGACCCTCCCTTCCAGACCGAGTCTGCAA
 TCAGAAGAGGACGTGAGCCAGTTTGTATGTGCGATTACACGCGCAGACGCCAGTAGATAGTCCAGATGACA
 CAGCCCTCAGTGAGAGTGCCAACCAAGCCTTCTGGGCTTACGATGTGGCACCTTCTGTACTGGACAG
 CATCAAAGAGGGCTTCTCCTTCCAGCCTAAGCTGCGCTCCCCAGACGCCTTAACAGCAGTCCCCGCACC
 CCTATCAGCCCCCTCAAGTTCTCTCCCTTTGAGGGTTCCGGCCAGTCTGGCCACCAGAGCCCATGG
 AGCCATCTCTACCTCCACTCCTGCCACCACCATCATCACCACCACCCACAAGTACTGCCCACTTCCCAT
 CCGTCCCCCTCAGGAACCAAGAAGTCCAAGAAGGGACGGGGCCGCCCTGGGCGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001010962
- Insert Size:** 1458 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:**
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_001010962.2, NP_001010962.2
RefSeq Size: 1769 bp
RefSeq ORF: 1458 bp
Locus ID: 361696
Cytogenetics: 1q43