

Product datasheet for **RN213718**

Rps6kc1 (NM_001105984) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6kc1 (NM_001105984) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rps6kc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213718 representing NM_001105984 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCTCTCCTTGGGGTCACAGTGGGACCTGGCCCGTTCTACACTGTCACCGAGCCCCAGCGACACC
CTAGGGGCTACACGATCTATAAGGTTACCGCACGGGTCGTTTACGAAGAAATCCGGAGGACGTCCAGGA
GATAATTGTGGGAGAAGATACAGTGACTTTAAGAAGCTGCACAGAGAGCTATGGCAGATTCACAGGAAC
GCATTTTCGACACTCTGAGCTGTTTCCCGTTCGCTAAAGGGACAGTGTTTGGGCGATTTGACAAAACCG
TAATTGAGGAACGACGTAGTGTCTGAGGACCTGCTACAGTTCTCTGCCAACATCCCTGCTCTGTACAA
CAGCAAGCAGCTCCAGGACTTCTTAAGGGTGGGATAATTAGTGATGGCTCTGAGTTAATTGGCCCTGCT
GAAGCTTACCCAGACTCCCTGGCCAACACCTTTTCTGAGTGTGGTACTGAAGGCTTCTCCAGTGACAGTG
ACCTCCTGTCCCTCACTGTTGATGCGGACTCTCTGCGGAGGTAGATGATGGAATGGCTTCCCGTCAGGG
TTCTCCAGTAGAGCTTTTGGTCTGAGTGTGTCTGCGGATTCCTCGGCAGTAGGGGCTGTGCTTCTGAC
ATTGAACCAAGCAAAGCAGAAGACCGGAAAGCCGCAGCCTCTCCCCAGCAGCTTAAAGCAAGGCTTG
GCAGGAGAGATTACCTGGAGAAGGCAGGGGAACCTATCAAACCTGGCCTTAAAGAAGGAGGAGGAAGATGA
CTATGAAGCAGCTTCTGACTTTTACAGGAAGGGTGTGATCTGCTCCTAGAAGGTGTACAAGGAGCCTA
AGTTCAAGGCCCCCTTGGAACTAAGGAGCCCTGCCGAGGAGCTGAAGGCCCTCAGAGTCCCTGGGGTGA
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CAGCGAGTGCAGCAGGAACAGGAAGACCATCATCCCCGCTGTGTGCCTAACATGGTGTGTCTGCACACA
TACATCATCTCGGAGGAGTCGGTGTCTCGTGTGCAGCACGCCGAAGGTGGCAAACCTCTGGTCATATA
TCAGTAAATTTCTGAACAGAAGCTCTCGAGAAAGCTTGGACATTAAGGAGGCGAGACCGCCCATGCCTCC
TCGAGTGCCTGCAGCAGCCAAGTGCTAGTCTCAGGGCAGCTACAGTGTGAGTCCAGAGGGAGCGAC
ACAGGGAGCATGCTGAAGTTCTGCCCTGAAGACTAGCCTCACCCGAGTTCCTCAGGACGATAGTAACC
AGGAAGATGATGGCAGGACAGCTCTCCAAGTGGCCCGATTCCGGCTCCAGCTCAGAGGAAGAGTGCAC
AGCTGGCTACTTAACGCTGTGCAACGAATATGGGCAAGAAAAGCTTGACCTTACATCTTTGAATGAGGAG
TCTGTCTGCAGCCTGAAGGGGAGAATGCTGATAGCCAAGCTGTTAGGAGCTTCCAGCATCCCTCACCG
CTGACAGTGCAAGCCCCAGCACCCAGCTCAAGTCTTCCCTGGAGACGAGGGCCTAGAAGCAGTTTGTTC
TCCTCGAACATCTGATCCCTCAGGAGGTCGAAAAACAGTCTATGGAGTTCTCCGAATAGACAGTAAA



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GACAGCACAAAGTGAAGCTCTGGGACTGGATTCTGGTGAGAAATTACACAGTCTGAAACCAGAGCCTTTGA
 AAGCACTCTTTACCCTTGAAGATGGAGACAGTCCTTCCCAGAGTTTTGATGCCGGAAGAGCCAGGGAGA
 GAGTGAAGCTCAGGACTCCATCAGCAGGGGCTCAGATGACTCCGTCGTTATCTCATTAAAGAGGCT
 GCCTCTGAGGATGTCTGTAGTGTGAGGAAGGGAGGCCTGACCTTCTGTGAATCTACCTGGTGAAGTGC
 AGCCAACCAAGAGACTTCAGCAGTGGACCCTACTAAGTTTTACAGGCCAGCATAGGCAGGCTGGAAGC
 CCCGGATGTGTTGCTCAGGCTGAGTCTGAACAGTGGCATGACCTGGGACAAGAAGGCCAGAGGAA
 CTGAGCCATCCCCTGAATTCGTCCTGGTGGTGTGACCCAGAGCGCAGTGTCTCAGGCAGATCTTGGGG
 TGTGTTACAGGCTACAGTTGATCACAGCAGCTACAAGACCAGTTTCTGTTTTCCAGCTTGCAATCAGA
 GTCTGACAGGCTGGGGCAGGTGGAGGGAGCGGTCACTTCACAGGACTTGAAGAAAGCCTATTCCACATT
 GCTAGTCCATGCTCAGGTGCTAAAGAAGACAGCGCACACACAGACTGCCACGTCTGAGGAAGTGTCTGC
 TGTTACAGAGCCGAGCAAGAAGGAGACTCGGAGGCAAGGTGCGGAGTGTGGGAGCCGGGGAGCGGA
 GAAGGAAGTCCATCAGATCTTCGAGGACCTGGACCAGCGACTAGCAGTAAGCGCCAGGCTCTTATCCCA
 GAGGGTGCATTCAAAGATGGGCAGCAGAGATGGTGGTAGCCCTGGACGCCTTGCATAGAGAGGGGATTG
 TGTGCCGAGATCTGAACCAACAACATCTTATTGAATGATGGAGACACATTACAGTAACGATTTTTAG
 CAGGTGGAGTGAAGATCTCTGTGACAGCGACCCATAGCGAGAATGACTGCGCCCGAGAGGTT
 GGAGCAGTCACAGAAGAACTGAAGCCTGTGATTGGTGGAGCCTGGGTGCTGTCCTTTCGAACTTCTCA
 CTGGCAAGACATTGGTGGAAATGCCACCCAGCGGAATAAATACTCACACTACTTTGAACATGCCAGATTG
 TTTTTCTGAAGAGGCCGCTCACTCATCAACAGCTCCTGCAGTTCAACCCTATGGAGCGTCTGGGTGCA
 GGAGTGGCCGGTGTGAAGATATCAAACTCACCCGTTCTCACCCCTGTGGATTGGGCAGAAGTGAACA
 GATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001105984

Insert Size:

3015 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_001105984.1, NP_001099454.1

RefSeq Size:

3812 bp

RefSeq ORF:

3015 bp

Locus ID:

289342

Cytogenetics: 13q27