

Product datasheet for **MC218683**

Rps6kc1 (BC058403) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6kc1 (BC058403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rps6kc1
Synonyms:	RPK118
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC058403
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTCCTCAGTGTGCCTGCAGCAGCCAAGTGCCAGTCCCGAGGGCGGCAGCAGCTTCGAGTCCAGAG
 GGAGCGACACGGGAGCATGCTGAAGGCTCTGCCTCTGAAGACCACTCTCACCCGAGTTCTCAAGACGA
 CAGCAACCAGGAAGACGACGGCCAGCCAGCTCTCCAAGTGGCTGGATTTCGGGCTCCAGTTCAGAGGAT
 GAGTGCACAGCGGGTACCTGACGCTGTGCAACGAGTATGGCAAGAAAAGATGGACCTGGTGTCTCTGA
 GCGAGGAGTCTGTTATGCAGCCTGAAGGGGACAAGGCTGACACCCAGGCGGTTAGTTCACCCAGCATCCCT
 CGCCACTGGCAGTGTGAGCCCTAGCACCCACCTCAGGGTCTTCTCTGGAGGTGAGGATCTAGAGGCGGTT
 TCTTCTCCTCCAACATCTGAATCCCTCAGTAGGTCAAAAACAGCCCTATGGAATTTCTCAGAATAGACA
 GTAAGACAGCACAAGTGAAGTCTCTGGGACTGGATTTTGGTGAGAAATTACACAGTCTGAAACCAGAGCC
 TTTGAAAGCCCTTTACCTTGAAGATGGAGACAGCCCTTCTCAGAGTCTTGATCCTGGTGAAGCAAG
 AGAGAGAGTGAAGCTCAGGACTCCGTGAGCCGGGCTCAGATGATTCCTGCCAGTTATCTCATTAAAG
 AGGCGGCTGCAGAGGCTATCAGTGGGGCTGAGGAGGGAAGGCCTGACCTTCTGTGAATTTACCTGGGGA
 ACTGCAGCCAACCAAGAGGCTTCAGCAATGGACCCCTAAGTTTTACAGGCCAGTGCAGGCAAGGCTGGAT
 AGTAAACTGCTGGAAGCCCGGATGTGTTGTGCCTCAGGCTGAGTCTGAACAGTCCATGGTCTGGGAC
 CAGAAGGCCAGAGGAAGTGAAGGATCCACTGAATCTGTCGGGAGGTGTGATCCAGAGCAGCATGC
 TCAGGCAGATCCCGGGTGTCTATTCGAGGCTGCCGTTGATCACAGGAGCTCCCGAGACAGTTTCTGTTT
 TCCAGCTTGCCTCCGAGTCTGACAGGCTGGGGCAGGTGGAGGTAGTGGTCACTGCACAGGCTTGAAG
 AAAGCCTGTTCCACATTTCTAGTCCCTGCTCAGGTGCTAATAAAGAACACAGTGCATACGCCGACACTGC
 CAGTCCGAGGAGGTGTTGCTGTTACAGAACCGACTAAAGAAGAAGCGAACTCTCTGTTCCAGAGAGAC
 TCGGACGCCAGGAGCGAGGTGTGGGAGCCGGGAAGCAGACAAGGAAATCCATCAGATCTTTGAGGACC
 TGGATAAACGACTAGCAGCTAGCTCCAGGTTCTCATCCAGAGGGCTGCATTGAGAGTGGGCAGCGGA
 AATGGTGGTAGCCCTTGACGCCTTGACAGAGAGGGGATTGTGTGCCGAGATCTGAACCCAAACAACATC
 TTATTGAATGATGGAGGACACATTCAGCTAACGTATTTAGCAGGTGGAGTGAAGTTGAAATCCTGCG
 ACAGCGATGCCGTAGCGAGAATGACTGTGCCCCAGAGGTTGGAGCAGTACAGAAGAACTGAAGCCTG
 TGATTGGTGGAGCCTGGGTGCTGCTCTCGAATCTCACTGGCAAGACGTTGGTGAATGCCACCCA
 GCCGGAATAAATACCCACACTACTTTGAACATGCCAGGTTGTGTTCTGAAGAGGCTCGCTCACTCATCC
 AACAGCTCCTGCAGTTCAACCCTATGGAGCGCCTGGGTGCTGGAGTGGCTGGTGTGAAGATATCAATC
 TCACCCGTTTTTCACCCCTGTGGATTGGGCAGAGTTGACAAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC058403

Insert Size: 1866 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: [BC058403](#), [AAH58403](#)

RefSeq Size: 2733 bp

RefSeq ORF: 1865 bp

Locus ID: 320119

Cytogenetics: 1 H6

Gene Summary: May be involved in transmitting sphingosine-1 phosphate (SPP)-mediated signaling into the cell. Plays a role in the recruitment of PRDX3 to early endosomes.[UniProtKB/Swiss-Prot Function]