

## Product datasheet for **RR207742**

### **Rps6ka4 (NM\_001108517) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rps6ka4 (NM_001108517) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rps6ka4
Synonyms:	Ccdc88b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR207742 representing NM\_001108517  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAGACGAGGATGAGGATGAGGGCTGCGCCGTGGAGCTGCAGATCACCGAAGCCAACCTGACCGGGC  
 ATGAGGAGAAGGTGAGCGTGGAGAACTTCGCGCTGCTCAAGGTGCTGGGCACGGGAGCCTACGGGAAGGT  
 GTTCTGTGTCGGAAGGCGGGTGGGCACGATGCGGGCAAGCTCTATGCCATGAAGGTGCTTCGCAAGGCG  
 GCGTTGTTGACAGCGGCCAAGACGCAGGAGCATACCCGCACCGAACGCTCAGTGTGGAGCTGGTACGCC  
 AGGCACCCCTTCTGGTCACTGCACTACGCTTCCAGACGGACGCCAACTGCACCTCATCTGGACTA  
 TGTGAGCGGTGGTGAATGTTCACTCACCTGTACCAGCGCCAGTACTTCAAGGAGGCTGAGGTGCGAGTG  
 TACGGGGAGAGATTGTCTGGCCCTAGAGCACCTGCACAAGTTGGGCATCATCTACAGGGACCTGAAGC  
 TGGAGAACGTCTTACTTGACTCTGAAGGTCACATTGTCTCACAGACTTTGGTTTGAAGGAGGTTCT  
 GACTGAGGAGAAAAGAGCGAACCTTCTCTTCTGTGGCACCATCGAGTACATGGCTCCCGAAATCATCCGA  
 AGCAAGGCTGGACATGGCAAGGCTGTGGACTGGTGGAGCCTGGGTATCCTGCTCTTCGAGCTGTGACAG  
 GAGCCTCACCTTTCACACTGGAGGGAGAAAGAACTCAGGCTGAGGTGTCTCGACGGATCTTGAAGTG  
 CTCCCCTCCCTTCCCTCCCGGATTGGGCTGTGGCACAGGACCTGCTACAGCGCCTGCTGTGCAAGGAC  
 CCTAAGAAGAGGTTGGGCGCAGGTCCCCAGGGTGCACAGGAAGTCAAGAGTCACTCTTTTTCCAGGGTC  
 TGGATTGGGTGCTCTGGCTGCCAGAAAGTCCAGCCCCATTCCGGCCCCAGATCCGCTCAGAGCTGGA  
 TGTGGGAATTTGCAGAGGAATCACTCGGCTGGAGCCTGTCTACTCCCTGCTGGCAGCCCTCCACT  
 GGGGACCTTAGGATCTTTCAGGGATACTCTTCGTGGCTCCTTCCATACTTTGACCACAACAACGCGAG  
 CATGATGCAGGACTCGCCTTTCTTCCAGCAGTATGAGCTGGACCTTCGGGAGCCAGCGCTGGGGCAGGGC  
 AGCTTCTCTGTGTAGGCGATGTGCCAGCGCCAGAGTGGTCAGGAATTTGCCGTCAAGATCCTCAGCC  
 GCAGGCTGGAGGAGAACAACACTCAGCGCGAGGTAGCTGCCCTTCGCTTGTGCCAGTCAACCCCCAAGTGGT  
 GAACCTGCATGAGGTGCTTACGACCCAGTTACACACTTATCTGGTCTGGAGTTGCTGCGGGGCGGGGAG  
 CTGCTGGAGCACATCCGCAAGAAGCGACTTTCAGCGAGTCCGAGGCTAGCCAGATCCTTCGGAGCTTGG  
 TGTACGCCGTGAGCTTATGCATGAGGAGGCGGGCGTGGTGCACCGTGACCTGAAACCCGAGAACATCTT  
 GTACGCAGACGACTCCTGGGGCCCCGGTGAAGATCATCGACTTGGGTTCCGCGAGACTGCGGCCCCAG  
 AGCCCCGGGGGCCCATGCAGACGCTTGTCTTACCCTGCAGTACGCTGCACCCGAGCTGCTGGCACAGC  
 AGGGGTACGACGAGTCTGTGATCTTTGGAGCCTGGGTGTATTCTGTACATGATGCTGTCTGGACAGGT  
 TCCCTTCAAGGGGCTCTGGCCAGGGTGGACAGGCCAGGCAGCTGAGATCATGTGCAAGATCCGTGAA  
 GGGCGCTTCTCTGGACGGGAAGCCTGGCAAGGTGTTTCGGAGGAAGCCAAGGAGCTGGTCCGAGGGC  
 TACTGACAGTGGACCCCGCAAGCGGCTGAAGCTGGAGGGGCTGCGTAGCAGCTCGTGGCTTACAGACGG  
 CAGTGCAGCTCCTCGCCCCGCTCCGCACGCCGATGTGCTGGAGTCTCTGGCCAGCAGTGCCTCC  
 GGGCTCAATGCCACTTTCATGGCGTTTAACCGAGGAAAGCGCGAGGGCTCTTTTTGAAGAGTGTGGAGA  
 ACGCGCCGCTGGCAAAAGGCGCAAGCAGAAGCTCCGGAGCGCGGCCCTCCCGCCGGCTCCCCGGT  
 GCCTGCCTCCTGGGTGCGCTACCAGCCTCTGCCTCCAAGGGGACAACCTCGCCGAGCCAACGGCCCTTG  
 TCCCCCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR207742 representing NM\_001108517  
 Red=Cloning site Green=Tags(s)

MGDEDEDEGCVELQITEANLTGHEEKVSVENFALLKVLGTGAYGKVFLVRKAGGHDAGKLYAMKVLRKA  
 ALVQRAKTQEHTRTERSVELEVRQAPFLVTLHYAFQTDAKLHLILDYVSGGEMFTHLYQRQYFKEAEVRV  
 YGGEIVLALALEHLHKLGIYRDLKLENVLLDSEGHIVLTDGFLSKEFLTEEKERTFSFCGTIEYMAPEIIR  
 SKAGHGKAVDWWSLGILLFELLTGASPFTEGERNTQAEVSRRIKCSPPFPFRIGPVAQDLLQRLLCKD  
 PKKRLGAGPQGAQEVKSHLFFQGLDWWALAARKIPAPFRPQIRSELDVGNFAEEFTRLEPVYSPAGSPPP  
 GDPRIFQGYSFVAPSILFDHNNVMAADVLAAPGAGYRPGRAAVARSAMMQDSPFFQYELDLREPALGQG  
 SFVCRRCRQRQSGQEFVVKILSRRLEENTQREVAALRLCQSHPNVNLHEVLHDQLHTYLVLELLRGGE  
 LLEHIRKKRLFSESEASQILRSLVSAVSMHEEAGVVHRDLKPENILYADDTPGAPVKIIDFGFARLRPQ  
 SPAGPMQTPCFTLQYAAPELLAQQGYDESCDLWSLGVILYMMLSGQVPFQGASGQGGQSQAAEIMCKIRE  
 GRFSLDGEAWQGVSEEAKEKLVRLTVDPAKRLKLEGLRSSWLQDGSARSSPLRTPDVLESSGPAVRS  
 GLNATFMAFNRGKREGFFLKSVENAPLAKRRKQKLRSAASRRGSPVPASSGRLPASASKGTTTRRANGPL  
 SPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul



- 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\_001108517.2, NP\_001101987.2

**RefSeq Size:** 3119 bp

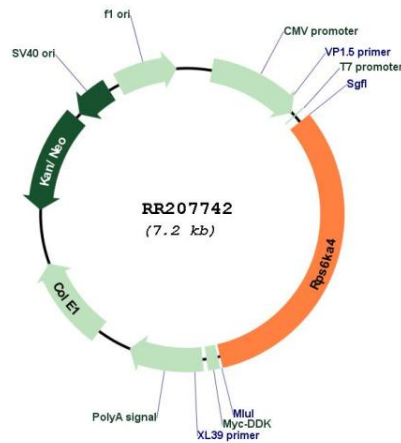
**RefSeq ORF:** 2322 bp

**Locus ID:** 361715

**Cytogenetics:** 1q43

**MW:** 85.5 kDa

**Product images:**



Circular map for RR207742