

## Product datasheet for **RR210799**

### **Krt85 (NM\_001008811) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt85 (NM_001008811) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Krt85
Synonyms:	Kb25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR210799 representing NM\_001008811  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCTGTCGCTCCTACAGGATCAGCCCAGGATGTGGAGTTACCAGAACTTCAGTCTCTGCTCAGCTG  
 TGGCCCCAAAACTGGCAACCGCTGCTGCATCAGCGCAGCTCCCTCCGAGGAGTGTCTTGTACCAGGGG  
 ATTGACAGGCTTACGAGTCGAAGCCTCTGTAACCCGAGCCCCTGCGGGCCACGCATGGCTGTTGGGGC  
 TTCGCTCTGGCTCCTGTGGACGAGCTTTGGATACCGAGCTGGAGGCGTCTGTGGTCCAAGCCACCCT  
 GCATCACCACCGTCTCTGCAATGAGAGCCTGCTACCCCTCAACCTGGAGATCGACCCCAATGCTCA  
 GTGCGTGAAGCATGAGGAGAAGGAGCAGATCAAGTGTCTGAACAGCAAGTTCGCGGCTTCATCGACAAG  
 GTGCGCTTCTAGAGCAGCAGAACTGCTGGAGACCAAGTGGCAGTCTACCAGAACCAGCGCTGCT  
 GTGAGAGCAATCTGGAGCCACTATTTGGAGGCTACATAGAGACCCTCAGGCGGGAGGCTGAGTGTGGA  
 GGCCGACGGCGGGAGGTTGGCTGCTGAGCTCAACCACGTGCAGGAAGCCATGGAGGGCTACAAGAAGAGG  
 TATGAAGAGGAGGTGGCTTTGAGGGCTACGGCAGAGAACGAGTTTGTGGTTCTAAAGAAGGATGTGGACT  
 GCGCCTACTTACGTAAATCGGACCTGGAGGCCAACGTGGAGGCCTTGGTGGAGGAGTCAAGCTTCTGAA  
 GCGTCTCTATGAAGAGGAAGTCCGTGTTCTCCAAGCCACATCTCAGACACCTCCGTATCGTCAAGATG  
 GACAACAGCCGGGACCTGAACATGGACTGCGTCGTGGCTGAGTCAAGGCTCAGTATGATGACGTCGCGA  
 GTCGCAGCCGTGCAGAGGCTGAGTCTGGTACCGCACCAAGTGTGAGGAGATGAAGGCCACAGTATCCG  
 GCACGGGAGACCCTCCGCCGACACAGGAGGAGATGAACGAGCTGAACCGCATCATCCAGAGGCTGACG  
 GCTGAGATCGAGAACCCAAGTCCAGCGAGCAAAGCTGGAGACTGCTGTGGCTGAGGCAGAGCAGCAGG  
 GAGAGCCCGCCCTCACCAGTCCCGCGCAAGCTGGCTGAGCTAGAGGCTGCCCTGCAGAAGCCCAAGCA  
 GGACATGGCCTGCCTGCTCAAGGAGTACCAGGAGGTGATGAACTCCAAGCTGGGGCTGGACATCGACATC  
 GCCACCTACAGGCGCTGCTGGAGGCGAGGAGCACAGGTGTCAGCAGCTCCCGTGGAGGAGTACATGT  
 GGGGGCTCACTTATGGCACTACCCAGGGCGCCAGATTGCCTCTGGACCCTCTGTACCAGGGGCGAGCA  
 TCACAGTATGGCCCC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR210799 representing NM\_001008811  
 Red=Cloning site Green=Tags(s)

MSCRSYRISP GCGVTRNFSSCSAVAPKTGNRCCISAAPFRGVSCYRGLTGFSSRSLCNPSPCGPRMAVGG  
 FRSGSCGRSFGYRAGGVCSPPCITTVSVNESLLTPLNLEIDPNAQCVKHEEKEQIKCLNSKFAAFIDK  
 VRFLEQNKLLLETKWQFYQNQRCCESNLEPLFGGYIETLRREAECVEADGGRLAELNHVQEAMEGYKKR  
 YEEEVALRATAENEFVVLKDVDCAYLRKSDLEANVEALVEESSFLKRLYEEEVRLQAHISDTSVIVKM  
 DNSRDLMDCVVAEIKAQYDDVASRSRAEASWYRTEEMKATVIRHGETLRRTREEMNELNRIIQRILT  
 AEIENAKQRAKLETAVAEAEQQGEAALTDARGKLAELEAALQKAKQDMACLLKEYQEVMSKLGLDIEI  
 ATYRRLLEGEHRCQQLPWRSHMWGPHLWHYPRAPDCLWTLCHRGQHSDGP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001008811

**ORF Size:** 1416 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001008811.1](#), [NP\\_001008811.1](#)

**RefSeq Size:** 1419 bp

**RefSeq ORF:** 1419 bp

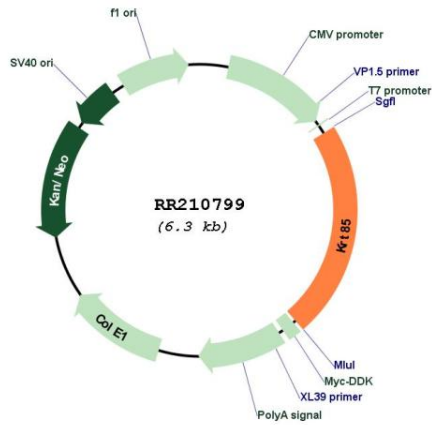
**Locus ID:** 407762

**Cytogenetics:** 7q36

MW: 53.3 kDa

Gene Summary: member of the keratin gene family [RGD, Feb 2006]

**Product images:**



Circular map for RR210799