

## Product datasheet for **RR209565**

### **Krt36 (NM\_001008759) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt36 (NM_001008759) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Krt36
Synonyms:	Ka31; Krt1-5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR209565 representing NM\_001008759  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCCAGATCTGCACTCCGACTTTCTCTGCTGGGTCTGCTAAGGGCCTCTGTGGCACCACAGGAAGCT  
 TCTCTCGGATATCTCCATCCACTCCATGGGCTCCTGCAGGGCTCCAGCTTGGTTGGCACTGTGGGGTC  
 CGTGTCTCCTTCAGGACAGGCTTCTCTGGCCTTGGGAGCTGCTTGCCGGGCTCCTACCTGTCTCTTCT  
 GGCTTTGCTGGGAGCGGGGGCTGGTTCTGCGAGGGCGCCTTCAATGGCAACGAGAAGGCCACCATGCAGG  
 TCTTGAATGACCGACTGGCCAACACTGGAGAAGGTGCGGCAGCTGGAGCAGGAGAACGCGCAGCTGGA  
 GTGCCGCATCCGAGAGTGGTATGAGTCTCAGATCCCATACATCTGCCGGACTACCAGTCTACTTCAAG  
 ACCGCTGAGGATTTGCAGCAGAAGATCCTGTTGACCAAGTCTGAGAATGCCAGGCTGATATTACAAATTG  
 ACAACGCCAAGCTGGCTGCAGATGACTTACAGGACCAAGTATGAGACGGAGTTGCCCTGAGGCAGATGGT  
 GGAGGCTGACATCAATGGTCTGCGCCGGATCTTGGATGAGCTGACCTTGTAAGGCTGACTGGAGGCT  
 CAGGTGGAGTCCCTGAAGGAGGAGCTGTGTCTCAAGAGGAACACGAAGAGGAAGTCAATGCACTCC  
 GTTCCCAGCTTGGGGATAGACTGAATGTGGAAGTGGATGCTGCTCCTCCCGTGGATCTCAACAAGATACT  
 GGATGACATGCGATGCCAGTATGAGACCCTGGTGGAAAATAACCGTAGAGATGTGGAGGCTTGGTTCAAC  
 ACTCAGACTGAGGAGTTGAACCAGCAGGTGGTGTCCAGCTCGGAGCAGCTGCAGTGTCCAGACGGAGA  
 TCATTGAGCTGAGACGCACAGTCAACGCCCTGGAGATCGAGCTGCAGGCTCAACATAGCATGAGGAATTC  
 TCTGGAATCTACCTTGGCTGAGACAGAGGCTCGCTATAGCTCCCAGCTGGGCCAGATGCAGTGCCTGATC  
 ACAACGTTGGAGTCCCAGCTGGCTGAGATTCTGTTGACCTGGAACGGCAGAACCATGAATATCAGGTGT  
 TACTGGATGTTAAGGCCCGGCTTGAGTCAGAGATTGCTACTACCGCCGCTGCTGGAGGGCGAGGACTG  
 CAAGCTTCTGCCACCCTTGTTCACCGATTGCAAGCCTCCTGTAAAGAGTTCCTTTCGTCCTTCTACA  
 TCTGCACCCCGCTGTACCCTGCACCCAGCTGGGCCCTGCACCCAGCTTCTCAAGTCAGCACCCAGA  
 TCCGCACCATCACTGAGGAGATCAGGGATGGAAGAGTGTCTCTCCAGGGAGCACGTGGTGCCTCGTGC  
 AGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR209565 representing NM\_001008759  
 Red=Cloning site Green=Tags(s)

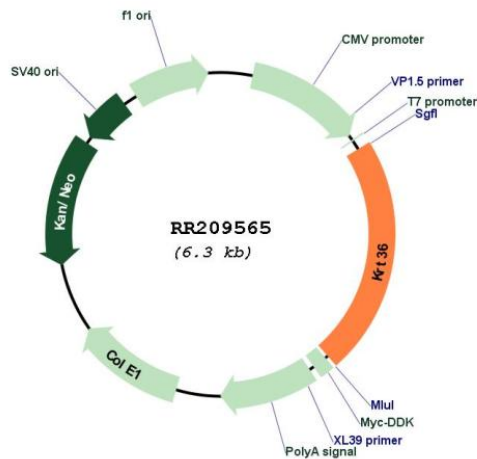
MAQICTPTFSAGSAKGLCGTTGFSFRISIIHSMGSCRAPSLVGTVGSVSSFRITGFSGLGSCLPGSYLSSS  
 GFAGSGGWFCEGAFNGNEKATMQLVNDRLANYLEKVRQLEQENAQLECRIREWYESQIPYICPDYQSYFK  
 TAEDLQQKILLTKSENARLILQIDNAKLAADDFRTKYETELSLRQMVEADINLRRILDELTLCKADLEA  
 QVESLKEELLCLKRNHEEEVNALRSQGLDRLNVEVDAAPPVDLNKILDDMRCQYETLVENNRDVEAWFN  
 TQTEELNQVVSSSEQLQCCQTEIIELRRTVNALEIELQAQHSMRNSLESTLAETEARYSSQLGQMQLI  
 TNVESQLAEIRCDLERQNHEYQVLLDVKARLESEIATYRRLLEGEDCKLPAHPCSTDCKPPVVPVFPST  
 SCTPAVPCTPAGPCTPASQVSTQIRTIITEEIRDGRVISSREHVVPRAV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

**Plasmid Map:**

**ACCN:**

NM\_001008759

**ORF Size:**

1404 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\\_001008759.1](#), [NP\\_001008759.1](#)

**RefSeq Size:** 1407 bp

**RefSeq ORF:** 1407 bp

**Locus ID:** 287698

**Cytogenetics:** 10q31

**MW:** 52.3 kDa