

## Product datasheet for **RN203667**

### **Krt39 (NM\_001004130) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt39 (NM_001004130) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt39
Synonyms:	Ka35
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203667 representing NM\_001004130  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATACCAAGGGCTCTACAGTACTATTTCTTCTCGACCCCAACAAAAGTCTCTGGGAATACAA  
ATGTCAGGACTAACTCTTCTAACAAGAGCTGTTATCATGATGTTCACTCAACTGGCCATGCTCTACAAAC  
TCCCCAGGGCCAGGGCTGTCGCCCCAGCCCTGCCTTTATCGCTGCCCTAACTACTTGATAGAACCCTAC  
AGCTTCCACCCCTGTCCGGATGACTGCAGCCGGTCTGACGGCATTAAACAGTCATGAGAAAGAGACCA  
TGCAGATTTTGAACGAACGCCTTGAAGCTATCTGGAAAAGTGCAGGATGCTGGAAGGAGAGAACCGGA  
CCTAGAGGATAAAATCCAGGAGGAGTGCAGCAAGACACTCCCCATCCTGTGCTGACTACCTGTCTAC  
TACACCACCATCGAGCAGCTGCAGCAGAAGATCTTGTGTACCAAGGCTGAAAATCCAGACTGGTCTCAC  
AAATTGACAACACCAAAGTGGTGCAGATGACTTGAGAGCAAAGTATGAAGCTGAATTGTCCTACGCCA  
GCTCGTGAAGCCGACGCCAATGGCCTGAAGCAGATCCTGGATGACTGACTCTGAGTAAGGCTGATCTG  
GAGGCTCGAGTCCAGTCTCTGACGGAGGAATCTGTGCCTCAAAAACAAACCATGAGGAGGAAATTAATT  
CCTTACAGTGCCAACTTGGGGACAGAATCAACATTGAAGTAACAGCTGCCCTTCTGTTGATCTAAATCA  
AATCCTACAAAAATGAGATGCCAGTATGAGTCCATTGTGGAGACAAACCGTAAAGACGTAGAAGAATGG  
TTCAATACACAGATGGAGGAAGTGAATCAACAGGTAGTGAGCAGCTCTCAACAGCAGCAATGCTGCCAGA  
AGGACATCATAGAGCTGAGACGGACCATAAGTGCCTCGAGGTTGAGCTGCAGGCCCAGCATCGAATGAG  
AGATCCCAGGAATGCATCCTAGCAGAGACAGAGGCCGATACACAGCCCTGCTGGCCAAATCCAGAGT  
CTGATCCATAACCTGGAGGCTCAGGTAGCAGAAATCCGCAGTGCCTGCAAAGACAGAACCAGGAATATG  
AAGTTCTGCTAGACATCAAGTCCCGCTGGAGTGTGAGATAGCCACCTACCGCAGTCTTCTGGAGAGCTT  
GGATGGCAGGCTTCCCTGTAACCCATGTACCACTACATGGGAGCCATCCTGCCAGGCCAGAGCTATGGAG  
TGCTTACCCAGTTTATACATCTATATCACTCCCGGGATTACAAGCCCTGCCGTGCCTCTGGACCCC  
CATCCCGGATACTGGTTAAGATATGCACCATCACCAAGGAGATCAAGGATGGAAGGTCATTTCTTCTCA  
CGAGCATGTGCAGCCTTGTACATCACAGACCTGCCAAAGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001004130

**Insert Size:** 1446 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\\_001004130.1](#), [NP\\_001004130.1](#)

RefSeq Size: 1446 bp

RefSeq ORF: 1446 bp

Locus ID: 303523

UniProt ID: [Q6IFW3](#)

Cytogenetics: 10q31

Gene Summary: member of the keratin gene family; type I keratins are acidic proteins that heterodimerize with type II keratins in the formation of hair and nails [RGD, Feb 2006]