

## Product datasheet for **MC216634**

### **Krt86 (NM\_010667) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt86 (NM_010667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt86
Synonyms:	5430421N21Rik; A1325212; Khb4; Krt2-10; Krt2-11; MHb4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216634 representing NM\_010667  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACTTGCGGATCCTACTGTGGTGGCCGTGCCTTCAGCTGCGCCTCAGCCTGTGGGCCAGGCCGGCC  
GCTGCTGCATCTCTGCAGCTCCCTACAGGGCATCTCCTGCTACCGAGGACTCTCAGGGGCTTCGGCAG  
CCAGAGTGTCTGTGGGCCTTCCGCTCTGGCTCCTGTGGACGCAGCTTCGGGTACCGCTCTGGAGGCATC  
TGCGGGCCAGCCACCCTGCATCACCACAGTCTCTGTCAATGAGAGCCTGCTCACACCCCTGAACCTGG  
AGATCGACCCCAATGCTCAGTGTGTGAAGCATGAGGAGAAGGAGCAGATCAAGTGTCTCAACAGCAAGTT  
CGCGGCCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGTGTGGAGACCAAGTGGCAGTTC  
TACCAGAACCGCAAGTGTGTGAGAGCAACATGGAGCCTCTGTTTCGAGGGCTACATCGAGGGCTGAGGC  
GGGAGGCTGAGTGTGTGGAGGCCGACAGCGGGAGGCTGGCAGCCGAGCTCAACCATGCCAGGAGTCCAT  
GGAGGGCTACAAGAAGAGGTACGAGGAGGAAGTTTCTCTGAGAGCTACAGCTGAGATGAGTTTGTGGCT  
CTGAAGAAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGACCTGGAGGCCAACGCAGAGGCACTGACCC  
AGGAGACCGACTTCTGAGGAGAATGTATGACGAGGAGACCCGCATCCTCCATCCACATCTCAGACAC  
CTCCATCGTCGTCAAGATGGACAACAGCCGGGACCTGAACATGGACTGTGTGCTGGCTGAGATCAAGGCT  
CAGTATGATGACATTGCCAGCCGAGCCGTGCTGAGGCTGAGTCTGGTACCGCACCAAGTGTGAGGAGA  
TAAAGGCCACAGTGATCCGGCATGGAGAGACTTGCGCCGCACCAGAGAGGAGATCAATGAGCTGAACAG  
AATGATCCAGAGGCTGACTGTGAGATCGAATGCCAAGTGCCAGAACCAAGCTGGAGGCTGCCGTG  
ACCCAATCTGAGCAGCAGGGAGAGGCTGCCCTTGTCTGATGCCCGCTGCAAGCTGGCTGAGCTGGAGGGT  
CCCTGCAGAAGGCCAAGCAGGACATGGCCTGCCTGCTCAAGGAGTACCAGGAGGTGATGAACCTCAAGCT  
GGGGCTGGACGTTGAGATCACACCTACAGGCGCCTGCTGGAGGGCAGGAGCAGAGGTTGTGTGAGGGC  
GTTGGCTCCGTGAATGTGTGTGTGAGCAGCTCCCGCGGTGGCGTCTGTGGCGATCTCTGCTCTCTG  
GTACTGCCCTGCTGTCAACACAAGAGTGTGCAGCGCCCTGCAGCGGAAACGTGGTGGTGGGCACCC  
CAATGCCTGCGCCCTGCGCCGGGCAGGCGCTGCAGCGGAGGCTGTAAGAAGTGT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_010667

**Insert Size:** 1461 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\\_010667.2](#), [NP\\_034797.1](#)  
RefSeq Size: 1960 bp  
RefSeq ORF: 1461 bp  
Locus ID: 16679  
UniProt ID: [P97861](#)  
Cytogenetics: 15 56.9 cM