

## Product datasheet for **MC217345**

### **Krt82 (NM\_053249) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt82 (NM_053249) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt82
Synonyms:	Krt2-20
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217345 representing NM\_053249  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCATGCCAAATTTCCAGTTGAGCCCCAGATGTGGCAACCGGAGTTTCAGCTCGTGCTCAGCCATCA  
TGCCCCGGATGGTCACCCACTATGAAGTGAGCAAGGCGCCCTGTCGGTCCGGGGGTGGCGGGGCCCTCCG  
AGCCCTGGGTTGCCTTGCTCTCGGAGCCTGTGCAACGTGGGTTTCGGGAGGCCCGTGTGGCCTCCAGA  
TGCGGCATGCCAGGCTTCGGGTACCGAGCGGGAGCCACCTGTGGATCTTCTGCCTGCATCACCCCTGTCA  
CCATCAATGAGAGTCTGCTGGTCCCCTGGAGCTGGAGATTGACCCGACCGTGCAAAGGGTGAAGAGAGA  
TGAAAAGGAGCAGATTAAGTGCCTGAATAACCGATTTCGCATCCTTCATCAACAAGGTGCGGTTCTGGAG  
CAGAAAAACAAGCTTCTGGAGACCAAGTGAACCTCATGCAGCAGCAGAGAAGTTGCCAGAGCAACATGG  
AGCCGCTCTTCGAGGGCTACATCTGTGCCCTGCGGCGACAGCTGGACTGTGTGTCGGGGACCACGGCAG  
ACTAGAGGCCGAGCTCTGCAGTCTCCAGGAGCGCTGGAGGGTTATAAGAAAAAGTACGAAGAGGAGCTG  
TCTCTGCGTCCCTGTGCTGAGAATGAGTTTGTACCCCTGAAGAAGGACGTGGACACAGCCTTCTGGTGA  
AGGCTGACCTGGAAACCAACTTGGAGGCTCTAGAACATGAGATTGAGTTCCTGAAAGCCCTGTTTGGGA  
GGAGATCGGCCTGCTGCAGTCTCAGATCTCAGAGACTTCAGTCATCGTGAAGATGGACAACAGCCGGAA  
CTGGATGTGGACGGCATCGTAGCCGAGATCAAGGCCAGTATGACGACATCGCCAGCCGACGAAAGCAG  
AAGCAGAGGCCTGGTACCAGTGCCGGTATGAGGAGCTGAGGTTAACGGCTGGGAACCACTGTGACAACT  
ACGCAACCGCAAAAATGAGATCCTGAAATGAACAAGCTAATCCAGCGGCTGCAGCAGGACATTGAGGCA  
GTCAAAGGCCAGCGATGCAAGCTCGAGGGGGCCATTGCCAGGCAGAGCAGCAGGAGAGGCCGCCCTCA  
CTGATGCCAAGTGCAAGCTGGCAGGGCTGGAGGAGGCCCTTGCAAGGCCAAGCAGGACATGGCCCTGCT  
GCTCAAGCAGTACCAAGAGGTGATGAAGCTGCAAGCTGGGGCTGGACATCGAGATCGCCACCTACAGGCGC  
CTGCTGGAGGGCGAGGAGCACAGGTTGTGTGAAGGCATCGGGCCTGTGAATATCTCTGTCAGCAGCTCCA  
AAGGTGCCGTA CTCTACGAGCCCTGTGTGATGGGCACGCCATGCTGAGGACCGAATACTGCACCGGGAC  
CACGGGTGCTCTGAGGAACAGTGGGGGCTGCAACGTGGTGGGCACCGGTGAACTCTACATCCCCTGCGAG  
CCCCAAGGGCTCTGGGCTGTGGAATGGGCGGAGCTCCAGCATGAAGGTGGGGTGGGTAGCAATTCGT  
GCAGCCGCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_053249

**Insert Size:** 1551 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\\_053249.3](#), [NP\\_444479.2](#)

**RefSeq Size:** 2100 bp

**RefSeq ORF:** 1551 bp

**Locus ID:** 114566

**UniProt ID:** [Q99M74](#)

**Cytogenetics:** 15 56.9 cM