

Product datasheet for **MC216667**

Krt81 (NM_001166157) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt81 (NM_001166157) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt81
Synonyms:	AA589625; Krt2-19
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC216667 representing NM_001166157
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTGTGGATCAGGATTCTGTGGCCGCGCCTTCAGCTGCGCCTCAGCCTGCGGACCCAGGCCCGGCC
 GCTGCTGCATCTCTGCAGCTCCCTACAGGGGCATCTCCTGCTACCGCGGACTCTCAGGGGGCTTCGGCAG
 CCAGAGTGTCTGTGGGGCCTTCCGCTCTGGCTCCTGTGGACGCAGCTTCGGGTACCGCTCTGGAGGCATC
 TGCGGGCCAGCCACCCTGCATCACCACCGTTTCTGTCAATGAGAGCCTGCTCACGCCCTGAACCTGG
 AGATCGACCCCAATGCTCAGTGTGTGAAGCATGAGGAGAAGGAGCAGATCAAGTGTCTCAACAGCAAGTT
 CGCAGCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGTGTGGAGACCAAGTGGCAGTTC
 TACCAGAACCGCAAGTGTGTGAGAGCAACATGGAGCCTCTGTTTCGAGGGCTACATCGAGGGCTGAGGC
 GGAAGCTGAGTGTGTGGAGGCCGACAGCGGGAGGCTGGCTGCTGAGCTCAACCATGCACAGGAGTCCAT
 GGAGGGCTACAAGAAGAGATACGAGGAGGAAGTTTCTCTGAGAGCCACGCGGAGAAATGAGTTTGTGGCT
 CTGAAGAAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGATCTGGAGGCCAACGCAGAGGCACTGACCC
 AGGAGACCGACTTCTGAGGAGAATGTATGACGAGGAGACCCGCATCCTCCATCCACATCTCAGACAC
 CTCCATCGTCGTCAAGATGGACAACAGCCGGGACCTGAACATGGACTGTGTCTGTGGCTGAGATCAAGGCT
 CAGTATGATGACATTGCCAGCCGAGCCGTGCTGAGGCTGAGTCTGGTACCGCACCAAGTGTGAGGAGA
 TAAAGGCCACAGTGATCCGGCATGGAGAGACTCTGCGCCGACCAGAGAGGAGATCAATGAGCTGAACAG
 AATGATCCAGAGGCTGACTGCTGAGATCGAATGCCAAGTGCCAGAACCAAGCTGGAGGCTGCTGTG
 ACCCAGTCTGAGCAGCAGGGAGAGGCTGCCCTTGCTGATGCCCGCTGCAAGCTGGCTGAGCTGGAGGGTG
 CCCTGCAGAAGGCCAAGCAGGACATGGCCTGCCTCAAGGAGTACCAGGAGGTGATGAATCCCAAGCT
 GGGGCTGGACGTTGAGATCACACCTACAGGCGCCTGCTGGAGGGCGAGGAACAGAGACTGTGTGAAGGT
 GTAGGAGCTGTGAATGTCTGTGTGAGCAGCTCCCGAGGAGGAGTGTATGTGGGGACCTGTGTGTGTCAG
 GTTCCAGGCCAGTGATCGGCAGTGCCTGCACGCGCCCTGCACGCGGAACTTGGCGGTGAACACAGGCT
 GTGCGCACCTGTGGTTCAGCTGTGCTCTGTGGCCGTAATGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001166157

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_001166157.1, NP_001159629.1](#)
RefSeq Size: 1857 bp
RefSeq ORF: 1446 bp
Locus ID: 64818
UniProt ID: [Q9ERE2](#)
Cytogenetics: 15 56.9 cM