

Product datasheet for **MC227907**

Krt83 (NM_001201323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt83 (NM_001201323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt83
Synonyms:	5430421N21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC227907 representing NM_001201323
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTGTGGCTTTTCAACTGAAACTTCAGCTGCGCCTCAGCCTGCGGGCCCCGGCCTGGCCGCTGCT
 GCATCTCTGCAGCTCCCTACAGGGGCATCTCTGCTACCGAGGACTCTCAGGGGGCTTCGGCAGCCAGAG
 TGCTGTGGGGCCTTCCGCTCCGGCTCCTGTGGACGCAGCTTCGGGTACCGATCTGGAGGCATCTCGGG
 CCCAGCCACCCTGCATCACCACCGTCTGTCAATGAGAGCCTGCTCACACCCCTGAACCTGGAGATCG
 ACCCCAATGCTCAGTGTGAAGCATGAGGAGAAAGAGCAGATCAAGTGTCTCAACAGCAGGTTTCGGGC
 CTTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGCTGCTGGAGACCAAGTGGCAGTTCTACCAG
 AACCGCAAGTGTGTGAGAGCAACATGGAGCCTCTGTTTCGAGGGTACATCGAGACGCTGAGGCGGGAGG
 CTGAGTGTGTGGAGGCCACAGCGGGAGGCTGGCTGCTGAGCTCAACCATGCGCAGGAGTCCATGGAGGG
 CTAACAAGAAGAGGTATGAAGAAGAAGTTGCACTCCGGGCCACAGCAGAGAATGAGTTTGTGGCTCTAAAG
 AAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGATCTGGAGGCCAACGCAGAGGCTCTGACCCAAGAGA
 CCGACTTCTGAGGAGAATGTATGATGAGGAGACCCGCATCCTCCATTCCACATCTCAGACACATCTGT
 CATCGTCAAGATGGACAACAGCCGGGACCTGAACATGGACTGTGTGCTGGCTGAGATCAAGGCTCAGTAT
 GATGACATTGCCAGCCGACCGGTGCTGAGGCCGAGTCTGGTACCGCACCAAGTGTGAGGAGATGAAGG
 CCACAGTGATCCGGCATGGAGAGACTCTGCGCCGACCCAGAGAGGAGATCAATGAGCTGAACAGAATGAT
 CCAGAGGCTGACTGCTGAGATCGAGAATGCCAAGTCCAGAACACCAAGTGGAGGCTGCTGTGACCCAA
 TCTGAGCAGCAGGGAGAGGCTGCCCTTGTGATGCCCGCTGCAAGCTGGCTGAGTTGGAGGGTGCCTGC
 AGAAGGCTAAGCAGGACATGGCCTGCCTCAAGGAGTACCAGGAGGTGATGAACCTCAAGCTGGGGCTG
 GGACGTGGAGATCATCACCTACAGGCGCCTGCTGGAGGGCGAGGAGCAGAGGCTGTGTGAAGGCGTGGGA
 GCTGTGAATGTCTGTGTGACAGCTCCCGTGGTGGAGTTGTGTGCGGGGACCTCTGTGTCTGGCTCAC
 GGCCTGTGACAGGCAGTGTCTGCAGTGCCCATGCAGCGGGAATGTGGCAGTAAGCACTGGCCTGTGTGC
 GCCCTGTGGAAGCGGCCCTTGTACCCGGGAGGTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001201323
- Insert Size:** 1440 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001201323.1](#), [NP_001188252.1](#)

RefSeq Size: 1775 bp

RefSeq ORF: 1440 bp

Locus ID: 100126226

Cytogenetics: 15 F2