

Product datasheet for **RN208187**

Krt83 (NM_001101675) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt83 (NM_001101675) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt83
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208187 representing NM_001101675
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTGCTTCTCTCCCGCCTCGGTGCCTCCTGTGGGGTCCGCGCCTTCAGCTGTGCCTCAGCCTGTG
GGCCCCGTCCCGCCGCTGCTGTATCACTGCAGCTCCCTACAGGGGCATCTCCTGCTACCGCGACTCAC
AGGGGGCTTCGGCAGCCGACGCTGTGTGGGGCTTCCGCTCTGGCTCCTGTGGACGCAGCTTCGGATAC
CGATCCGGAGGCGTCTGCGGACCCAGCCCCCTGCATCACCACCGTCTGTCAACGAGAGCCTGCTCA
CCCCCTCAACCTGGAGATCGACCCCAATGCTCAGTGCCTGAAGCATGAGGAGAAGGAGCAGATCAAGTG
CCTGAACAGCAGGTTTCGGGCCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGCTGTGGAG
ACCAAGTGGCAGTTCTACGAGAACCGAAGTGTGTGAGAGCAACCTGGAGCCTCTGTTTCGAGGGCTACA
TTGAGACGCTGAGAAGAGAGGCTGAGTATGTGGAGGCCGACAGTGGCAGGCTGGTGTGAGCTCAACCA
TGTGCAGGAGCCATGGAGGGCTACAAGAAGAGGTATGAAGAGGAAGTGGCGCTACGGGCCACTGCTGAG
AATGAATTTGTGGCCCTGAAGAAGGATGTGGACTGTGCCTACCTCCGTAATCAGACCTGGAAGCCAATG
CGGAAGCTCTGACACAGGAGATCGACTTCTGCGACGACTGTACGAAGAGGAGACACGGCTCCTCCACGC
CCACATCTCAGACACCTCCGTCATCGTCAAAGTGGACAACAGCCGGGACCTGAACATGGACTGCGTCGTG
GCTGAGATCAAGGCTCAGTACGATGACATTGCCAGCCGACCCGCGCAGAGGCCGAGTCTGGTACCCGA
CCAAGTGTGAGGAGATGAAGGCCACAGTATCCGGCACGGGGAGACCCTCCGCCGACCAGGGAGGAGAT
GAACGAGCTGAACCGCATCATCCAGAGGCTGACGGCTGAGATAGAGAACGCCAAGTGGCAGCGAGCAAAG
CTGGAGACTGCTGTGGCTGAGGCAGAGCAGCAGGGAGAGGCCGCCCTCACCGATGCCCGAGGCAAGCTGA
CTGAGCTGGAGGCTGCCCTGCAGAAGGCCAAGCAGGACATGGCCTGCCTGCTCAAGGAGTACCAGGAGGT
GATGAACTCCAAGCTGGGGCTGGACATCGAGATCGCCACCTACAGGCGCCTGCTGGAGGGCGAGGAGCAC
AGGCTGTGTGAAGGTGTGGGCTCTGTGAATGTCTGTGTCAGCAGCTCCCCTGGAGGAGTACATGTGGGG
GCCTCACTTATGGCACTACCCAGGGCGCCAGATTGCCTCTGGACCCTCTGTACCCGGGGCAGCATCTC
AGTGATGGCCCTGACTCCTGCTCTCCTTGCCAGCCCCGTGCCTCCAGCTTACCTGTGGGAGCAGCCGC
TCTGTGCGCTTTGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001101675

Insert Size: 1488 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_001101675.1](#), [NP_001095145.1](#)

RefSeq Size: 1488 bp

RefSeq ORF: 1488 bp

Locus ID: 681126

Cytogenetics: 7q36