

Product datasheet for **RN210317**

Krt81 (NM_001008814) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt81 (NM_001008814) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt81
Synonyms:	Kb21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210317 representing NM_001008814
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCTGTGGATCAGGATTCTGTGGCCGCGCCTTCAGCTGCGCCTCAGCCTGTGGGCCCGTCCCGGCC
 GCTGCTGCATCACTGCAGCTCCCTACAGGGGCATCTCCTGCTACCGCGGACTCTCAGGGGGTTTCGGCAG
 CCGCAGTGTCTGCGGGGCTTCCGCTCTGGCTCCTGTGGACGCAGCTTCGGATACCGATCCGGAGGCGTC
 TGTGGGCCAGCCCGCCTGCATCACCACCGTCTCTGTCAACGAGAGCCTGCTCACCCCCCTCAACCTGG
 AGATCGACCCCAATGCTCAGTGCCTGAAGCATGAGGAGAAGGAGCAGATCAAGTGCCTGAACAGCAGGTT
 CGCGGCCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGTGTGGAGACCAAGTGGCAGTTC
 TTCGAGAACCGAAGTGTGTGAGAGCAACGTGGAGCCTCTGTTTCGAGGGCTACATCGAGACTCTGAGGC
 GGGAGGCTGAGTGTGTGGAGGCCAGAGTGGCAGGCTGGCTGCTGAGCTCAACCATGCTCAGGAGGCCAT
 GGAGGGCTACAAGAAGAGGTACGAGGAGGAAGTTTCTCTGAGAGCCACAGCTGAGAATGAGTTTGTGGCT
 CTGAAGAAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGACCTGGAGGCCAACACAGAGGCGCTGACCC
 AGGAGATCGACTTCTGAGGCGACTGTATGAGGAGGAGACCCGCATCCTCCACGCCACATCTCAGACAC
 CTCCGTCACTCGTCAAGATGGACAACAGCCGGGACCTGAACATGGACTGCGTCATTGCTGAGATCAAGGCT
 CAGTACGATGACATTGCCAGCCGAGCCGCGCAGAGGCCGAGTCTGGTACCGCACCAAGTGTGAGGAGA
 TAAAGGCCACAGTGATCCGGCATGGAGAGACCTGCGTCGCACCAGAGAGGAGATCAATGAGCTGAACAG
 AATCATCCAGAGGCTGACAGCCGAGATCGAGAACGCCAAGTGCCAGAACCAAGCTGGAGGCTGCTGTG
 ACCCAGTCTGAGCAGCAGGGAGAGGCTGCCCTCACCGATGCCCGCTGCAAGCTGGCTGAGCTGAGGCTG
 CCCTGCAGAAGCCAAGCAGGACATGGCCTGCCTCAAGGAATACCAGGAGGTGATGAATCCCAAGCT
 GGGTCTGGACATCGAGATCGCCACCTACAGGCACCTGCTGGAGGGCGAGGAACAGAGACTGTGTGAAGGT
 GTCGGAGCTGTGAATGTCTGTGTGTCAGCAGCTCCCGCGGAGGAGTTGTGTGTGGGGACCTGTGCGTGTGAG
 GTTCCAGGCCGCTGACCGGCAGCGCCTGCAGCGCCCCCTGCAGCGGGAATTGGCAGTGAACACAGGCT
 GTGTGCACCCTGTGGCTCAGCTGTGTCTGTGGCCGTAATGTAAGTGCCTTACATCCCGGCCCTTTC
 ATAGCATTTTCATCTGAGTCATCCCTGGCTGACCAATATTGGGACCTAGAAGAAGGGACTCAGCCACTCG
 CTCACCTTTGAAATGACCCTCACTCTTGGCCCTCTGGTCTCCCTGGAGGACCCCTTTGCTCTCAGAAGT
 GAATACTGGCTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001008814
- Insert Size:** 1626 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_001008814.1](#), [NP_001008814.1](#)

RefSeq Size: 1626 bp

RefSeq ORF: 1626 bp

Locus ID: 407761

Cytogenetics: 7q36

Gene Summary: member of the keratin family of intermediate filament proteins [RGD, Feb 2006]