

Product datasheet for **RN213321**

Krt82 (NM_001008803) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt82 (NM_001008803) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt82
Synonyms:	Kb22
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213321 representing NM_001008803
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCGGATGGTCACCCACTATGAAGTGAAGTGGAGTGGCCCTCTCGGCCCGGGGTTGGCGGGGCTCC
 GAGCCCTAGGCTGCCTTGCTCTCGGAGCCTATGCAACGTGGGCTTCGGGAGACCCCGTGTGGCCTCCAG
 ATGCGGCATGCCAGGCTTCGGGTACCGAGCGGGAGCCGCCTGCGGATCTCCCGCCTGCATCACTCCTGTC
 ACCATCAACGAGAGTCTGCTGGTCCCCCTGGAGCTGGAGATTGACCCAACGGTGCAAAGCGTGAAGAGAG
 ATGAGAAGGAGCAGATCAAGTGCCTGAATAACCGATTTGCATCCTTCATCAACAAGGTGAGGTTCTTGGA
 GCAGAAAAACAAGCTTCTGGAGACCAAGTGAACCTTCATGCAGCAGCAGAGAAGTTGCCAGAGCAACATG
 GAGCCACTCTTCGAGGGCTACATCTGCGCCCTGCGGCGACAGCTGGACTGCGTGTCTGGGGACCATGGCA
 GACTGGAGGCTGAGCTCTGCAGCCTCCAGGAAGCGCTGGAGGGTTATAAGAAAAAGTATGAAGAGGAACT
 GTCCTGCGTCCCTGTGCTGAGAATGAGTTTGTACCTTGAAGAAGGATGTGGACACAGCCTTCCTGGTG
 AAGGCTGACCTGGAAACCAACTGGAGGCTCTAGAACATGAGATTGAGTTCTGAAAGCCCTGTTTGAGG
 AGGAGATCAGCCTGCTTCAATCTCAGATCTCGGAGACTTCAGTCATCGTGAAGATGGACAACAGCCGGGA
 TCTGGATGTGGACGGCATCGTAGCCGAGATCAAGGCCAGTACGATGACATCGCCAGCCGACGAAAGCA
 GAAGCAGAGGCCTGGTACCAGTGCAGGTATGAGGAGCTGAGGATGACAGCTGGGAACCACAGTGACAACC
 TACGAAACCGCAAGAACGAGATCCTGGAATGAACAAGCTAATCCAGAGGCTTCAGCAGGACATCGAAAC
 AGTCAAAGCCAGCGATGCAAACCTCGAGGGAGCCATTGCCAGGCAGAGCAGCAGGGGGAGGCTGCCCTC
 TCTGACGCCAAGTGTAACTGGCAGGGCTGGAGGAGCCCTGCAGAAGGCCAAGCAGGACATGGCTTGCC
 TGCTCAAGGAGTACCAAGAGGTGATGAACTCCAAGCTGGGGCTGGACATCGAGATCGCCACCTACAGGCG
 CCTGTGGAGGGCGAGGAGCACAGGTTGTGTGAAGGCATCGGGCCTGTGAATATCTCTGTGACAGCAGCTCC
 AAAGGAGCCGTTCTCTATGAGCCCTGTGTGGTGGGCACGCCATGCTGAGGACCGAATACTGCACCGGGG
 CCACCGGTGTCTGAGGAACAGTGGGGCTGCAGCGTGGTGGCACCGGTGAACTCTACATCCCCTGTGA
 GCCCAAGGGCTCCTGGGCTGTGGAAGTGGGCGGAGCTCCAGCATGAAGATGGGGCAGGAAGCAATTCA
 TGCAGCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001008803

Insert Size: 1482 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_001008803.1](#), [NP_001008803.1](#)

RefSeq Size: 1482 bp

RefSeq ORF: 1482 bp

Locus ID: 366991

Cytogenetics: 7q36