

Product datasheet for **RN201477**

Krt76 (NM_001008805) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt76 (NM_001008805) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt76
Synonyms:	Kb9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201477 representing NM_001008805
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAGACAAGCCTGCAAGAAATCCTTCAGCTGTGGGAGCCAGGGATTCTCTGGCCGCTCAGCTGTGG
 TTTCTGGCAGCAGCAGGAGCAGCTGTGTGGCTCGCTCTGGGGCAGCCAGTGGAGGGCTTGTGGTTCCG
 GGGCGGAGCGGGTACCTTTGGCAGTCACAGCCTCTACAACCTGGGTGGCAGCAAGAGTATCTCTATCAGT
 GTGGCTGGTGGCTTCAAGTGGAGGCGTAGCAGCTGTGGCAGTGGCTTTGGAAGTGGCTATGGAGGTAGCT
 TTGGTAGCAGCAGAGGGATGGGAGGTGGCTTTGGGGGAGCTTCTGGATTGGGGGAGCTGGTGGCTTTGG
 TAGGCCTGGTGGCTTTGGCCCTGGTGGCTGCCCTGGGGGAATCCAGGAAGTGACCATCAACCAGAGCCTC
 CTGCAGCCCTCAATGTGGAGATTGACCCAGATTGGGCAAGTGAAGGCCAGGAGCGTGAACAGATCA
 AGATCCTCAACAACAAGTTGCCTCCTTATTGACAAGGTGCGCTTCTGGAGCAGCAGAACAAGGTCT
 GGAGACTAAGTGGGAGTTGCTGCAGCAGCAGACCACACGCTCTGGCTCCGGCCCCCTGAACCTGGAATCT
 TTCTTCGAGTCTTACATCAGCTGTTTGCACAAGCAGTTAGATTCACTTCTGGGGCGAAGGGGAGCCTGC
 AGGGAGAGCTGAAGAGCATGCAAGACCTGGTTGAAGACTTCAAAAAGGAAGTACGAGGAGGAGATCAACAG
 GCGCACCACTGCAGAGAAATGAATTCGTAGCACTGAAGAAGGATGTGGATGGAGCTTACATGAGCAAGGTG
 GAGCTGCAGGCGAAGGTGGACAGCCTGACTGATGAAATCAACTTCTGAGGACGCTCTATGACATGGAGC
 TGTCTCAGATGCAGAGCCACATCAGTGACACCTCTGTGGTCTGTCCATGGACAACAACCGCTGCTTGA
 CCTGGACAGCATCATCGCTGAGGTCAAGGCCAGTATGAGGACATTGCTCAGAGGAGTAAAGGTGAGGCT
 GAGGCCCTGTACCAGACCAAGCTTGGGGAGTTACAGACCACAGCTGGCAGGCACGGAGATGACCTGAGGA
 GCACCAAGAGCGAGATCATGGAGCTCAACAGGACGATCCAGAGACTGCGAGCAGAGATTGAGAATGTCAA
 GAAGCAGAACACCAACCTGCAGGCGTCCATTGCAGAGGCTGAGCAGCGTGGTGGAGCGGGCCCTCAAGGAT
 GCAGATGCCAAATTCGAAGACTTGCAGGCTGCTCTGCAGAAGGCCAAGGAGGACCTGGCCCGGCTGCTGC
 GCGAGTACCAGGAGCTGATGAACGTTAAGCTGGCCCTGGATGTGGAGATCGCTACCTACAGGAAGCTGCT
 GGAGGGTGAAGAGTGCAGGTTGTCTGGAGAGTTTCAAGTGTGTGAGCATTTCGGTGGTCAAGTGT
 ACCAGCACAAGCAGCAGCGGAGGCTACAGAGGGCCGGTGGCAGCAACTACGGAGGAGACAGCAGTGGCA
 GAAGCAGCAGCAGCATCGGCAGCAGGGCAGCAGTGGGAGCAGGCTTGGCAGCGGAGGCAGCATCTCCGT
 GAGCCAGCAGAGAACGAGCTTAACTCTGGTGGCAGCCAGACCTCGGTAGGCAGTGTCTACAAGTCTGGC
 AGAGGGGGCACCCAGCAGTGTCACTTCTCTCAGACCACAGTTCAGCCAGCAACGCTCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001008805
- Insert Size:** 1746 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_001008805.1](#), [NP_001008805.1](#)

RefSeq Size: 1746 bp

RefSeq ORF: 1746 bp

Locus ID: 407757

Cytogenetics: 7q36