

Product datasheet for **RN210122**

Krt16 (NM_001008752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt16 (NM_001008752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt16
Synonyms:	Ka16; Krt14; Krt14l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210122 representing NM_001008752
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCACCTGCAGCCGTCACTTACCTCCTCCAGCTCCATGAAGAGCTCCTGTGGCATCGGTGGTGGCT
CTAGCCGCATGTCTCCGTCTGGCTGGAGGATCCTGCCGGGCTCCAGCACTTATGGGGCATGTCCGGT
CACCTCCTCTCGTTCTCCTCTGGGGCAGCCTGTGGGATTGGAGGTGGCTATAGTGGGGCTTCAGCAGC
AGCAGTTTTGGTGGTGGATTTGGTGGAGGACTTGGTGGTGGATTTGGTGGAGGACTTGGTGGTGGATTTG
GTGGTGGTCTTGGCGATGGGCTCCTGGTTGGCAGTGAGAAAGTGACCATGCAAAACCTCAATGACCGCTT
GGCCACCTACCTGGATAAGGTGCGTGCCCTGGAAGAGGCCAACAGTGACCTGGAGGTGAAGATCCGTGAC
TGGTACCAGAGGCAGCGTCCCCTGAGATCAAAGACTACACCCCTTCTTCAGGACCATCGAGGACCTGC
AGAGCAAGATCGTTAGAGCCAAGCAGGAGAATGCCGAGTCCGTTTTGCAGATCGACAATGCCAGGCTGGC
AGCTAATGACTTCAGGACCAAGTATGATAATGAGACGTCCTTGCCTCAGTTAGTGGAAAGTGACATCAAC
AACCTTCGCCGTGTGCTGGATGAACTGACTATGTCCAGGGCAGACCTGGAGATGCAGATCGAGAGTCTCA
GGGAGGAGCTGGCCTACCTGAAGAAGAATCACGAGGAGGAGATGCTTGCCTTGAGGGGTCAGACTGGTGG
GGACGTCAACGTGGAGATGGACGCAGCTCCTGGTGTGGACCTGAGCCGCATCCTGAACGAGATGAGGGAC
CAGTATGAGCAGATGGCAGAGAAGAACCGCAGAGATGTGGAGGCTGGTTCAGAGCAAGACCGAGGAGC
TGAACCAAGAGGTGGCTTCTAACCATGAGCTGATACAGAGCGGCCGAGCGAGGTGTCTGAGCTCCGCGAG
GGTGTTCAGGGCCTGGAGATCGAACTGCAGTCCCAGCTCAGCATGAAAGCATCCTTGGAGAACAGCCTA
GAAGAGACCAAAGGCAGATACTGCGTGCAGTGTCCAGATCCAGGGTTGATCGGCAGCCTGGAGGAGC
AGCTGGCTCAGCTGCGCTGCGAGATGGAGCAGCAGAGCCAGGAGTACAACATCTTGTGGATGTGAAGAC
TCGGCTGGAGCAGGAGATCGCCACCTACCGCCGTCTGCTGGATGGCGAGAATGTCCACAGCTCCTCTCA
CAGCACTCCTCTGGCAGTCTATTCTTCTGGAGAAGTCTTCTCCTCATCCTCCCGGCAGCCCGGTCCA
TCCTCAAGGAGCAAGGCTCAACCAGCTTCAGCCAGAGCCAAAGTCAGAGTCCGGGTACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001008752

Insert Size: 1392 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_001008752.1](#), [NP_001008752.1](#)
RefSeq Size: 1392 bp
RefSeq ORF: 1392 bp
Locus ID: 303530
Cytogenetics: 10q31
Gene Summary: an intermediate filament protein; upregulated in squamous cell papillomas and carcinomas [RGD, Feb 2006]