

Product datasheet for **RN216845**

Krt71 (NM_001276440) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt71 (NM_001276440) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt71
Synonyms:	Krt71
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216845 representing NM_001276440
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTCGCCAGTTCACCTGCAAGTCTGGAGCCGCAACAGGGGCTTCAGCGGTTGCTCTGCAGTGTCTGT
CCGGGGGAAGCTCATCCTCTACCGGGCAGGAGGCAAAGGGCTCAGCGGGGCTTTGGCAGTCGGAGTCT
CTACAGCCTGGGAGGCCCCAGGAGCATCACTCTCAACATGGCTAGTGGCAGCGGGAAGAACGGAGGTTTT
GGATTTGGCCGGAACCGAGCCAGCGGCTTTGCCGGAAGTATCTTTGGCAGTGTGGCCCTGGGACCCGTGT
GCCCCACTGTGTGCCGCTGGCGGCATCCACCAGGTCACAGTCAATGAGAGCCTCCTGGCCCCACTCAA
TGTGGAGCTGGACCCTGAGATCCAGAAGGTGCGCGCCAGGAGAGGGAGCAGATCAAGGCACTGAACAAC
AAGTTCGCCTCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACCAGGTGCTGGAGACCAAGTGGG
AGCTGCTGCAGCAGCTGGACCTCAACAACGCAAGAACAACCTGGAGCCCATCCTCGAGGGCTACATCAG
CAACATGCGGAAGCAGCTGGAGACTGTCTGGGACAGAGTGGGCTGGACTCCGAGCTGAGGAACGTG
CGTGACGTGGTGGAGACTACAAGAAGAAGTACGAGGAGGAGATCAACCGCGGACAGCTGCAGAGAACG
AGTTTGTGCTGTGAAGAAGGATGTGGATGCAGCATATGCCAACAAGGTGGAAGTGCAGGCTAAGGTGGA
CACCATGGACCAGGACATCAAATTTCTCAAGTGTCTGTTGCAAGCCGAGATGGCTCAGATCCAGTCCCAC
ATCAGCGACATGTCCGTATCCTGTCCATGGACAACAATAGGAACCTGGACCTGGACAGCATATTGATG
AGGTCCGGGCCAGTATGAGGAGATCGCCCTGAAGAGCAAGGCTGAGGCTGAGGCCCTGTACCAGACCAA
GTTCCAGGAGCTGCAGCTGGCCGCCGCGCCATGGAGACGACCTCAAAAACACCAAAAATGAAATCACC
GAGTGACCCGGTTCATCCAGAGACTCCGCTCCGAGATTGAGAATGCAAAGAAACAGGCTTCTAACCTGG
AGACGGCCATCGCTGACGCTGAGCAGCGAGGAGACAGTGTCTCAAGGATGCCCGGCCAAGCTGGATGA
GCTGGAAGGTGCCCTTCATCAGGCCAAGGAGGAGCTGGCCAGGATGCTGCGTGAATACCAGGAGCTCATG
AGCCTAAAGCTGGCCCTGGACATGGAGATCGCCACCTACCGCAAGCTGCTGGAGAGCGAGGAGTGCAGGA
TGTCTGGAGAATACTCTCCCCTGTGAGCATCTCCATTATCAGCAGCACCAGTGGCAGTGGGGGCTATGG
CTTCCGGCCAGCACAGTCCAGCGGTGGCTACGTGGCCAATAGCACTAGCTGCATCTCTGGAGTGTGCAGC
GTCCGTGGTGGGAGAACAGGAGCAGAGGAGTCCAGCGACTACAAGGATTCCTAACAAAGGGCTCCA
GTCTGAGCACCCCTCCAAGAAAGGTGGCCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001276440

Insert Size: 1575 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001276440.1](#), [NP_001263369.1](#)

RefSeq Size: 2154 bp

RefSeq ORF: 1575 bp

Locus ID: 683613

Cytogenetics: 7q36