

Product datasheet for RN215285

Krt19 (NM_199498) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt19 (NM_199498) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt19
Synonyms:	Ka19; Krt1-19
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215285 representing NM_199498 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACTTCCTATAGCTATCGCCAGTCCTCAGCCATGTCTTCTATGGGGCATGGCGGGGGTCCCCTGCG
GCTTTGGGTCAAGGGGTGTTTTCCGCGCACCTAGCATCCATGGGGCTCAGGTGGCCGTGGCGTGTCCGT
GTCTCGACCCGCATCGTGTCTCATCTCCGGGGCTATGTCGGAGGACGCGGTGGAAGTTTTAGTGGG
GCCCTGACTGTGACCGATGGGCTGCTGGGTGGCAATGAGAAGATCACCATGCAGAACCTGAACGATCGCC
TCGCCTCTACTTGGACAAGGTGCGCGCCTGGAGCAGGCTAATGGCGAGCTGGAGGTGAAGATTCGCGA
CTGGTACCAGAAGCAGGGACCCGGGCCCTTCCGTGATTACAGCCAGTACTTCAAGACCATCGAGGACTTG
CGCGACAAGATCCTTGGCGCCACCATTGAGAACTCCAAGATAGTCTACAGATCGACAATGCCCGCCTGG
CTGCAGATGACTTCCGGACCAAGTTTGAGACAGAACAGGCCCTGCGCATGAGTGTGGAGGCCGACATCAA
CGGCCTGCGCCGGGTGCTGGATGAGCTGACCCTGGCCAGGACCGACCTGGAGATGCAGATAGAGAACCTG
AAGGAGGAGCTGGCCTACCTGAAGAAGAACCACGAGGAGGAAATTAGTGCCCTGAGGAGCCAGGTGGGTG
GCCAGGTCAGTGTGGAGGTGGATTCCACACCAGGATTGACCTAGCCAAGATCCTGAGTGAAGAGA
TCAGTATGAGGCCATGGCAGAGAAGAACCAGGAGGATGCTGAAGCCTGGTACCTTACTCAGATTGATGAG
CTGAACACCCAGGTGCTGCCACACTACGCAGATCCAGATAAACAAGACTGAGGTACCGAACTCCGAC
GTAAGGTCAGGACCTTGAAGATTGAATTGCAGTCTCAGCTCAGCATGAAAGCTGCCCTGGAAGGCACTGT
GGCAGAGATAGAGGCCGTTACGGAGCCAGCTGTACACATCCAGGGTGTGATCAGCAGTATTGAAGTC
CAGCTGAGTAACGTGCGTGTGACACAGAGCGCCAGAACCAGGAGTATCAGCAGCTCATGGACATCAAGT
CGAGGCTGGAGCAGGAGATCGCCACCTACCGAAGCCTGCTTGAGGGCCAGGAAGCCCACTACAACAGTCT
GTCCATCGCCAAGGCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199498
Insert Size:	1212 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:	<ol style="list-style-type: none">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:	<u>NM_199498.2</u> , <u>NP_955792.1</u>
RefSeq Size:	1380 bp
RefSeq ORF:	1212 bp
Locus ID:	360626
UniProt ID:	<u>Q63279</u>
Cytogenetics:	10q31
Gene Summary:	Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle (By similarity). [UniProtKB/Swiss-Prot Function]