

Product datasheet for **RN201476**

Krt73 (NM_001008808) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt73 (NM_001008808) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt73
Synonyms:	Kb36
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201476 representing NM_001008808
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATCGCCAATTCACCTGCAAGTCTGGAGCTGCCAACAGGGGCTTCAGCGGCTGCTCGGCTGTGCTAT
 CAGGAGGCAGCGCATCCTCCTACCGGGCAGGGGGCAAAGGGCTCGGTGGAGGCTTCAGCAGTCGGAGCCT
 CTACAGCCTGAGGAGTCCAGGAGCATCTCCTTCAACGTGGCTAGTGGCAGCGGGCGCACCGGGGGATAT
 GGGTTTGGCCGGAATCGGGCCAGCGGCTTTGCAGGCAGCATGTTTGGCGGTGGGGCTCTGGGGCCTTCAA
 ATCCATCCTGTGCCTGCCTGGAGGCATCCACCAGGTCACAGTCAATAAAAGCCTTCTGGCCCCACTCAA
 CGTGGAGCTGGACCCGGAGATCCAGAAGGTGCGCGCCCAAGAGCGGGAGCAGATCAAGGCTCTGAACAAC
 AAGTTCGCTCCTTCATCGACAAGGTGCGCTTCTGGAGCAGCAGAACCAGGTGCTGCAGACCAAGTGGG
 AGCTGCTGCAGCAGCTGGACCTGAGCAACTGCAGGAGAACCTGGAGCCTGTTTACGAGGGCCACATCAG
 CAGCCTGCAAAAGCAGCTGGATTCGCTATCTGGGGACAGGGTGGAGCTGGACTCCGAGCTGAGGGGCATG
 CGGGATGCCGTGGAGGACTGCAAGAAGAGGTATGAAGAAGAAATAACAAGCGCACAACTGCTGAGAATG
 AATTTGTGGTGCTTAAGAAGGATGTGGATGCCGCATACATGAGCAAGGTGGAGCTCCAGGCCAAGGTGGA
 CGCCCTGGATGGAGAGATCAAGTTCCTCAAGTGTCTGTACGAGGGGGAGATTACTCAGATGCAGTCGCAC
 ATAAGCGACACCTCTGTGGTCTCTCCATGGACAACAACCGCAACCTGGACCTGGACAGCATCATCGCTG
 AGGTCCGAGCTCAGTACGAGGACATTGCCCTGAAGAGCAAGGCGGAGGCTGAGATGGTGTACCAGACCAA
 GTTCCAAGAGCTGCAGCTGGCAGCTGGCCGGCATGGAGATGACCTCAAGCACACCAGGAACGAGATCTCT
 GAGTTGACCCGGCTCATCCAGAGACTGCGATCAGAAATTGAGAGTGTGAAGAAGCAATGCTCCAATCTAG
 AGACAGCATTGCTGATGCCGAGCAGCGAGGTGACTGTGCCCTCAAGGATGCCAGGCTAAGCTGGATGA
 TTTGGAGAGAGCCCTGCACCAGGCCAAGGAGGAGCTGGCCCGGATGCTGCGGTGAGCACACCAGGAGCTGATG
 AGTATGAAGCTGGCCCTGGACATTGAGATCGCCACCTACCGAAAAGTCTGGAAGGGGAGGAGTGCAGGA
 TGTCTGGAGAACACCAATGCAGTGCAGTATTCGTCATCAGCAGTTCACGACTGGGGCAGTCGGTGC
 CGGGACCAGTTTTGGATTAGTAACCTAGCACCTATGGCTACCGCCGAGTTCTGTAGCTGGGGCTAT
 GGCATACTGTGAGGGGCTGTGTACAGGTAGTGGAACTGCAGTCCCCGTGGAGATACCAAGACCAGAC
 TGGGTAGTGAAGTGAATTTAAGGAGGTTTCGGGAAAGACCTGGCTTTGGGCTCACCTCTAAGAAAAC
 CATGAGAGCTGATAGGCAGTCTCTATTTCTGTCCAGCTTTGGTTTTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001008808

Insert Size: 1662 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_001008808.1](#), [NP_001008808.1](#)

RefSeq Size: 1662 bp

RefSeq ORF: 1662 bp

Locus ID: 300248

UniProt ID: [Q6IG03](#)

Cytogenetics: 7q36

Gene Summary: Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (By similarity).[UniProtKB/Swiss-Prot Function]