

## Product datasheet for **RN215617**

### **Krt72 (NM\_001008809) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt72 (NM_001008809) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt72
Synonyms:	Kb35
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215617 representing NM\_001008809  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGCCGCCAGTTGACCCTCTATCCTGGTGTGAGCGCCTGGGTTTCAGTGTTGCTCAGCTGTCACTCT  
CAGGCCGGTTTCAGCGGCAGCCACGCCTCGGTCCGGGCCGGGTCAAGGGAGCAGCATTGGCAGCAGAAG  
CCTGTTTTGTGTGGGGGCGGCCGGAGGCTGGCATTGAGCTCTGGGGGCGGAGCGGCCGCTTCACTCTG  
GGTACGGAGGGGCGAGCGGTGGGCGTCCCGGGGCTTTGTGGCACTGTCTTGGCAGCGCGGGCTTGG  
GGCCACATGCCATCTGTGTGCCCGCCGGGCGCATCCCCAGGTCGTCGTCAACAAGAGCCTTTTGGC  
CCCCTCAATGTGGAGCTGGATCCGGAGATCCAGAAGGTGCGGGCCAGGAGAGGGAGCAGATCAAGGCT  
CTGAATAACAAGTTGCCTCCTTATCGACAAGGTGCGCTTCTGGAGCAGCAGAACCAGGTGCTGGAGA  
CCAAGTGGGAGCTGCTGCAGCAGCTGGACCAGAACAACCCAGGAGGAGCCTGGAGCCGGTACATGAGAG  
TTACATCAGCAACTTGCAGAAGCAGCTGGAGATCCTGTCTGGGGACAGGTTGAGGCTGGACTCGGAGCTG  
AGGAACATGAGGGAAGTGGTGGAGGACTGTAAGAAGAGGTATGAGGTAGAGATTAAACAGACGCACGGCTG  
CCGAGAATGAGTTCGTGGTGTGAAGAAGGATGTGGATGCTGCTTACATGAACAAGTGGAGCTCCAGGC  
CAAGGTGGACTCCATGACAGATGACATCAAATCTTCAAGGTCCTTTGAAGGGGAGATTGCTCAGATG  
CAGTCCCACATCAGCGACACGTCGGTCACTTCTGTCCATGGACAATAATCGGCAGCTGGACCTGGACAGCA  
TCCTGGCCGAGGTTTCAGGCCAGTATGAGGAGATTGCCGTGAAGAGCAAGGCGGAGACAGAGAACATGTA  
CCAGTGTAAAGTCCAGGAGCTGCAGGCCACTGCAGGCCAGCACGGGGACGACCTCAAACCTACCAAGTCC  
GAGATCACAGAGATCAACAGGCTGATCCAGAGAATCCACTCAGAGATAGGAAACATGAAGAAACAGTGCT  
CCAACCTGGAGACGGCCATTGCTGACGCTGAACAGAGAGGTGACTGTGCTCTCAAGGATGCCCGGCCAA  
GCTGGACCAGCTGGAGGGAGTCTTTCAGCAGTCCAAGGAAGAGCTGGCCCGCATGCTGCGTGAGCACCCAG  
GAGCTCATGAACGTCAAGCTGGCCCTGGACATGGAGATCGCCACCTACAGGAAGCTGCTGGAGAGCGAGG  
AGAGCCGGATGGCTGGTGAATACCAAGTTCTGTGAGCATTCTGTTGTTAGCAGTACCAATGCAGGACC  
AGGAGGGGCTGGCTTCAGTGTGGCTTTGGCGCCTCGAGCAACTACAACCTACAGACCTCTGGCCCTGGAG  
GTGAAGACTAAGGCGAGCTGCGGCAGCGAGCTCAAGGATCCCCCGGCCAAAACCTCAGCCAGCAGCTGTG  
TGAGCAAAAAGCCTCCAGACAGACAGGGGAGGTGTCACGAGCAGACGGCTGTGCAACCCATTCTCCTGT  
TCTCTCCCTCCTGTCCCTTCCAAGTCAGGAAGTGTCTTCTCCATCAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001008809

**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\\_001008809.1](#), [NP\\_001008809.1](#)

**RefSeq Size:** 1662 bp

**RefSeq ORF:** 1662 bp

**Locus ID:** 406227

**UniProt ID:** [Q6IG04](#)

**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]