

## Product datasheet for **RN205488**

### **Krt9 (NM\_153476) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt9 (NM_153476) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt9
Synonyms:	Krt1-9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205488 representing NM\_153476  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTTTCAGACAGATCTCCTCATCTTTCCGGAGCAGCAGCGGCAGCAGCTGTGGAGGAGGAGGAGCA  
 GAGGGCCAGCAGAGGCAGCATGCGGTCTTCTTCGGTCGCTCCTCCAGGGCTGGTGGAGAGAGCCGCTT  
 TGGCTCTTCCAGTGGTTTTGGTGGAGGTGGCTTTTCAGCCTGTGGCACTGGAGGTGGTGGCAGTTTTGGC  
 TCTAGCTATGGTGGAGGATATGGAAGGGTTTTAGCGCAGGTAGTTCAGCGGTATGTTTGGTGGAAATT  
 CTAGAGGTTGCTTTGGTGGAGGTTCTGGAGGTGGCTTTGGTGGAGGTTCTGGAGGTGGCTTTGGTGGGG  
 TTTTGGAGGTGGCTTTGGTGGTGGCTCTGGAGGTGGCGAAGGTAGTATTCTGAACACCAATGAGAAAATC  
 GTCATGCAGAACCTCAATCCCCTCTGGCCTTACATGGATAAAGTGCAGGAAGTGGAGGAGGACAACG  
 CCAACCTGGAGAAGCAGATCCAGGAATGGTATTCAAGGAAGGGGAACAGAGTCTCCAGAAGGACTACTC  
 TCATTATTATAACACTATCGAAGACCTGAAGGACAGAATTGTGGATCTCACAGCGAGGAACAACAAAGCA  
 TCATAGACATGGACAATACTCGCATGACTCTGGGTGACTTCAGGGTTAAGCTTGAGATGGAGCAGAGCC  
 TACCCCAAGGGGTGGATGCTGATTAATGGCCTGCAGAAGGTTTTGGATGACATAAATATGGAGAAATC  
 TGATCTGGAGATACAGTTTGATAGTCTGGACGATGAGCTGAAGGCCCTTAAGAAGAGCCACAAGGAGGAG  
 ATGAACCAGCTGACGGCCCTGAATGATGGAGATGTTAATGTGGAGATAAATGTTGCTCCTAGCACAGACC  
 TCACCCAGGTCTCAATGACATGCGTGAGGAATATGAACACCTCATTCTAAGAACCAGGACATTGA  
 GCAACACTATGAGTCCCAGATGACCCAGATTGAGCACCAGTTGACAAATAGTGGCCAGAGATGGAGACC  
 AACATGAAGCAAGTTTCCAGCTCCAGCACAGTGTCCAGGAGTTGAACATTGAGCTGCAGACTCAGCTTA  
 CCACGAAATCAGCCCTGGAGAAGGCTTTGGAAGACACAAAGAACCCTACTGTGGCCAGCTGCAGCAGAT  
 TCGGGAACAGATCAGTGAGATGGAGGCCAGCTTGTCTCAGGTCCGGGCAGAAACTGAGTGCCAGAACCAG  
 GAATATGGCCTTCTGCTCAGCATCAAGACACGGCTGGAGAAAGAAATGAGACTTACCGAAAGCTCCTTG  
 AAGCGGCCAGCAAGACTTTGAATCTTCTGGAGCTGGACAAATGGCTTTGGAAGTGGCAAGGAGGACA  
 AAGAGGAAGTGGCGGCAGCTATGGAGGAGGAAGTGGGGACAGCTATGAAGGAGAAAGTGGGGCAGCTAT  
 GGAGGAGGAAGTGGGGCAGCCACGGTGGAAAAAGTGGAGGTAGTTATGGAGGAGGAAGCAGCTCTGGGG  
 GAGGAAGTGGAGGAGCTATGGAGGAGGAAGTGGGGCAGCCATGGTGGAAAAAGTGGGGGTAGCCATGG  
 AGGAGGAAGTGGGGCAGCTATGGTGGAGGAAGTGGTTCTGGAGGAGAAAGTGGAGCAGCTATGGAGGA  
 GGAAGTGGAGGCACCCGCTGGACAAAAAGGAGGAAGTGGGGCAGCTATGAAGGAGGAAGTGGAGGGA  
 GCTATGGAGGAGGAAGTGGTTCTGGAGGAGGAAGTGGGGGTAGCTACGGTGGAGGAAATACAAGGCCATC  
 TCAGTCCCAGTCTCACAAATCCCCGACTGCGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_153476

**Insert Size:** 1857 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\\_153476.1](#), [NP\\_703206.1](#)

**RefSeq Size:** 1932 bp

**RefSeq ORF:** 1857 bp

**Locus ID:** 266717

**UniProt ID:** [Q8CIS9](#)

**Cytogenetics:** 10q31

**Gene Summary:** an intermediate filament protein, a component the perinuclear ring of the manchette of rat spermatids [RGD, Feb 2006]