

Product datasheet for **RN209707**

Krt15 (NM_001004022) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt15 (NM_001004022) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt15
Synonyms:	Ka15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209707 representing NM_001004022
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCACCACATTCTTGCAGACATCTCCACCTTTGGAAGTGGCTCTACCCGAGGGGTTCCCTCCGTG
TTGGTGGAGGCAGCTTTGGTGGAGGGAGTCTCTATGGGGGAGGTGGGAGCCGAAGCATCTCTGCTTCTTC
TGCTAGGTTTGTCTTTCAGGGGACAGGAGTGGGTTTCGGGGTGGCATGAGTTGTGGTTTTGGTGGAGGC
TTTGGTGGGGTTTTGGCGGTGGCTTCGGTACTTTGGTGGTGGCGATGGAGGTCTCCTCTCTGGCAATG
AGAAGGTGACCATGCAGAACCTCAACGACCCGCTGGCCTCTACCTGGACAAGGTGCGCGCCCTGGAAGA
GGCCAACACAGAGCTGGAGGTGAAGATCCGAGACTGGTACCAGAAGCAGAGCCCGCAAGTCCAGACCGG
GACTACAGCCATTACTTCAAGACCATGGAAGAGATCCGGGACAAAATTCTGGCTGCCACCATTGACAACT
CGCGTGTATCCTGGAGATCGACAATGCTAGGCTGGCAGCGGACGACTTCAGGCTCAAGTATGAGAATGA
GCTGGCCCTTCGTCAGGGCGTGGAGGCCGACATCAATGGGCTGCGGAGGGTGTGGTGAAGTGAACCTG
GCCAGGACTGACCTGGAGATGCAGATTGAGCAGTTGAACGAGGAGCTGGCCTACCTGAAGAAGAATCATG
AGGAGGAGATGAAAGAGTTCAGCAGTCAGCTGGCTGGCCAGGTCAATGTGAAATGGACGAGCACCCTGG
GGTGGACTGACCCGCATGCTGGCAGAGATGAGGGAACAGTATGAGGCCATTGCGGAGAAAAACCGTCGG
GATGTAGAGGCCTGGTTCTTCAAGACTGAAGAGCTGAACAAGGAGGTGGCGTCTAACACAGAAATGA
TCCAGACCAGCAAGACTGAGATCACAGACCTGAGACGGACCCTGCAGGGGCTAGAGATCGAGCTGCAGTC
TCAACTCAGCATGAAAGCCGACTGGAGAACTCTTGGCAGAGGTGGAGTGGCGTATGCCACACAAGTGC
CAGCAGATCCAGGGGCTCATTACCGCCCTGGAGACCCAGCTGAGTGAAGTCCGCTGTGAGATGGAGGCTC
AGAACCAGGAGTACAACATGTTACTGGACATCAAGACTCGGCTGGAGCAGGAGATCAGCACTTACCGGAA
CCTGCTTGAGGGCCAGGATGCTAAGATGGCTGCTATTGGTGTGAGGGAAGCATCCCTGAGAGGAGGCAGC
AGCGGGGTGGCAGCAATTTCCACATCAGCGTGGAGGAATCGGTGACGGAAGTGGTTTTCTCCCGTA
AGAGAGAAAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001004022

Insert Size: 1344 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_001004022.2](#), [NP_001004022.1](#)

RefSeq Size: 1687 bp

RefSeq ORF: 1344 bp

Locus ID: 287700

UniProt ID: [Q6IFV3](#)

Cytogenetics: 10q31

Gene Summary: member of the keratin gene family; type I keratins are acidic proteins that heterodimerize with type II keratins in the formation of hair and nails [RGD, Feb 2006]