

## Product datasheet for **MC216120**

### **Krt15 (NM\_008469) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt15 (NM_008469) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt15
Synonyms:	A1528832; K15; Krt1-15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216120 representing NM\_008469  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCACCACATTCTTGCAAACGTCTTCCACTTTTGGAGGCAGCTCTACCCGAGGGCTTCCCTCCGTG  
 CTGGGGGAGGCAGCTTTGGTGGAGGGAGTCTCTATGGGGGAGGTGGAAGCCGAAGTATCTCTGCTTCTT  
 TGCTAGGTTTGTCTCTCGGGGGCAGGAGGGGGCTTTGGGGTGGCATGAGTTGTGGCTTTGGTGGTGGT  
 TTTGGTGGAGGCTTTGGTGGGGTTTTGGCGGTGGCTTCGGTGATTTTGGTGGTGGCGATGGAGGTCTCC  
 TCTCTGGCAATGAGAAGGTGACCATGCAGAACCTTAATGACCGCCTGGCCTCCTACCTGGACAAGGTGCG  
 TGCCCTAGAGCAGGCCAACACTGAGCTGGAGGTGAAGATCCGAGATTGGTACCAGAAGCAGAGCCCAGCC  
 AGTCCAGATCGGGACTACAGCCATTACTTTAAGACCATGGAAGAGATCCGGGACAAAATTCTGGCTCCA  
 CCATTGACAACCTCGCGCTTGTCTGGAGATTGACAATGCCAGGTGGCGGGGACGACTTCAGGCTCAA  
 GTATGAGAATGAGCTGACCTGCGTCAGGGCGTGGAGGCCGACATCAACGGGCTGCGCCGGGTGCTGGAT  
 GAGCTGACCTGGCCAGGACCGACTGGAGATGCAGATTGAGCAGCTGAACGAGGAGCTGGCTTACCTGA  
 AGAAGAACCATGAGGAGGAGATGAAGGAATTCAGCAGTCAACTGGCTGGCCAGGTCAATGTGAAATGGA  
 CGCAGCACCCGGGTGGACCTGACCCGCATGCTGGCAGAGATGAGGGAGCAGTATGAAGCTATTGCAGAG  
 AAAAACCGTCGGGATGTAGAGGCTGGTTCTTTCAGTAAGACTGAAGAGCTGAACAAGGAGGTGGCGTCTA  
 ACACAGAAATGATCCAGACCAGCAAGACGGAGATCACAGACCTGAGACGGACCCTGCAGGGGCTAGAGAT  
 TGAGTTGCAGTCTCAGCTCAGCATGAAAGCCGGGCTGGAGAACTCTTGGCAGAGGTGGAGTGCCGCTAT  
 GCCACACAGCTGCAGCAGATCCAGGGGGTCATTACCGTCTGGAGACTCAGCTGAGTGAGCTCCGCTGTG  
 AGATGGAGGCTCAGAACCAGGAGTACAACATGCTGCTGGACATCAAGACTCGGCTGGAACAGGAGATCGC  
 CACTTACCGAACTGCTCGAGGGCCAGGATGCTAAGATGGCTGGTATTGGTGTACAGAGAAGTATCCCTG  
 GGAGGAAGCAGCGGTGGCGGTGGCAGCAGTAGCAGCAGCAATTTCCATATCAGTGTGGAGGAATCAG  
 TGGATGGAAGTGGTTTCTTCCCGTAAGAGAGAAATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_008469

**Insert Size:** 1371 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:	<u>NM_008469.2, NP_032495.2</u>
RefSeq Size:	1720 bp
RefSeq ORF:	1371 bp
Locus ID:	16665
UniProt ID:	<u>Q61414</u>
Cytogenetics:	11 63.41 cM
Gene Summary:	In the absence of KRT14, makes a bona fide, but ultrastructurally distinct keratin filament network with KRT5.[UniProtKB/Swiss-Prot Function]