

## Product datasheet for **MC200846**

### Krt14 (NM\_016958) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Krt14 (NM\_016958) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Krt14  
**Synonyms:** A1626930; CK-14; K14; Krt-1.1; Krt-1.14; Krt1-1; Krt1-14  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC011074 sequence for NM\_016958  
 GCTCTCTTCTCTCTGCGGACTCACTCGCTCACTTGCTCACCTCTCTCAAAGCCATGGCCACCTGCAGC  
 CGCCAGTTCACCTCCTCCAGCTCCATGAAGGGCTCTTGTGGTATCGGTGGTGGCTCTAGCCGCATGTCCT  
 CCATCCTGGCTGGAGGATCCTGCCGGGCTCCCAGCACCTACGGGGGCATGTCGGTTACCTCCTCGCTT  
 CTCTCTGGGGAGCCTGTGGGATTGGAGGTGGCTATGGTGGGAGCTTCAGCAGCAGCAGTTTTGGTGGAA  
 GGACTTGGTAGTGGATTTGGTGGTCGATTTGATGGATTTGGTGGTGGTTTTGGTGGTGGTCTTGGTGGT  
 GTTTTGGTGGTGGTCTTGGTGGTGGTCTTGGCGGTGGTATTGGTGGTGGGCTCCTGGTGGCAGTGAGAA  
 AGTGACCATGCAGAACCTCAATGACCGCTGGCCACCTACCTGGACAAGGTGCGTGCCCTGGAAGAGGCC  
 AACACTGAACTGGAGGTGAAGATTGGGACTGGTACCAGAGGCAGCGGCCACTGAGATCAAAGACTACA  
 GCCCTACTTCAAGACCATCGAGGACCTGAAGAGCAAGATCCTGGCAGCCACCGTGGACAATGCCAATGT  
 CCTCCTGCAGATCGACAATGCCCGCTGGCTGCCGATGACTTCCGGACCAAGTTTGGACGGAGCAGAGC  
 CTGCGCATGAGCGTGGAGGCCGACATCAATGGCCTGCGCAGGGTGGTGGATGAGCTGACCTGGCCAGAG  
 CCGACCTGGAGATGCAGATTGAGAGCCTCAAGGAGGAGCTGGCCTACCTGAAGAAGAACCACGAGGAGGA  
 AATGGCCTCCATGAGAGGCCAGGTGGTGGAGACGTCAATGTGGAGATGGACGCCGCCCTGGTGTGGAC  
 CTGAGCCGCATCCTGAACGAGATGCGGGATCAGTACGAGAAGATGGCGGAGAAGAACCAGAGGATGCTG  
 AGGAATGGTTCTCAGCAAGACAGAGGAGCTGAACCGGAGGTGGCCACCAACAGCGAGCTGGTGCAGAG  
 CGGCAAGAGTGAGATTTCTGAGCTCCGGCGCACCATGCAGAACCTGGAGATCGAGCTGCAGTCCCAGCTC  
 AGCATGAAAGCATCCCTGGAGAATAACCTGGAGGAGACCAAAGGCCGTTACTGCATGCAGCTGGCCAGA  
 TCCAGGAGATGATCGGCAGTGTGGAGGAGCAGCTGGCTCAGCTGCGCTGCGAGATGGAGCAGCAGAACCA  
 GGAGTACAAAATCCTGCTGGATGTGAAGACAAGGCTGGAGCAGGAGATCGCCACCTACCGCGTCTGCTG  
 GAGGGAGAGGACGCCACCTTTCATCTTCCAATTCTCCTCATCTCTCAATTCTCCTCTGGCTCTCAGT  
 CATCCAGAGATGTGACCTCCACCAACCGCCAGATCCGCACCAAGGTCATGGATGTGCACGATGGCAAGGT  
 GGTCTCCACCCACGAGCAGGTCTGCGCACCAAGAATAAGCTGCTACATGCTGCTCAGGCTTAGGAGG  
 CTCCTGCGTGGACGAGATACTGCTGGAAGAGCCCTGTATTGTCCTATAGGCTTCACTTTTACTTGA  
 CCCTTGTCTTCTGCAAGCAATAAAGCTTCTTTTTCTGAGTTGCACAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_016958
<b>Insert Size:</b>	1455 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC011074</a> , <a href="#">AAH11074</a>
<b>RefSeq Size:</b>	1680 bp
<b>RefSeq ORF:</b>	1455 bp
<b>Locus ID:</b>	16664
<b>UniProt ID:</b>	<a href="#">Q61781</a>
<b>Cytogenetics:</b>	11 D
<b>Gene Summary:</b>	<p>This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>