

## Product datasheet for **MR207754**

### **Krt14 (NM\_016958) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Krt14 (NM_016958) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Krt14
Synonyms:	AI626930; CK-14; K14; Krt-1.1; Krt-1.14; Krt1-1; Krt1-14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207754 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCACCTGCAGCCGCACTTACCTCCTCCAGCTCCATGAAGGGCTCTTGTGGTATCGGTGGTGGCT  
 CTAGCCGCATGTCTCCATCCTGGCTGGAGGATCTGCCGGGCTCCAGCACCTACGGGGCATGTCCGGT  
 TACCTCCTCTCGCTTCTCCTCTGGGGGAGCCTGTGGGATTGGAGGTGGCTATGGTGGGAGCTTCAGCAGC  
 AGCAGTTTTGGTGGAGGACTTGGTAGTGGATTTGGTGGTGGATTTGATGGATTTGGTGGTGGTTTTGGTG  
 GTGGTCTTGGTGGTGGTTTTGGTGGTGGTCTTGGTGGTGGTCTTGGCGGTGGTATTGGTGGTGGCTCCT  
 GGTGGGCAGTGAGAAAGTGACCATGCAGAACCTCAATGACCGCCTGGCCACCTACCTGGACAAGGTGCGT  
 GCCCTGGAAGAGGCCAACACTGAACTGGAGGTGAAGATTCGGGACTGGTACCAGAGGCAGCGGCCACTG  
 AGATCAAAGACTACAGCCCTACTTCAAGACCATCGAGGACCTGAAGAGCAAGATCCTGGCAGCCACCGT  
 GGACAATGCCAATGTCTCCTGCAGATCGACAATGCCCGCTGGCTGCCGATGACTTCCGGACCAAGTTT  
 GAGACGGAGCAGAGCCTGCGCATGAGCGTGGAGGCCGACATCAATGGCCTGCGCAGGGTGCCTGGATGAGC  
 TGACCCTGGCCAGAGCCGACCTGGAGATGCAGATTGAGAGCCTCAAGGAGGAGCTGGCCTACCTGAAGAA  
 GAACCACGAGGAGGAAATGGCCTCCATGAGAGGCCAGGTGGTGGAGACGTCAATGTGGAGATGGACGCC  
 GCCCTGGTGTGGACCTGAGCCGCATCCTGAACGAGATGCGGGATCAGTACGAGAAGATGGCGGAGAAGA  
 ACCGCAAGGATGCTGAGGAATGGTTCTTCAGCAAGACAGAGGAGCTGAACCGCGAGGTGGCCACCAACAG  
 CGAGCTGGTGCAGAGCGGCAAGAGTGAAGTTCAGCTCCGGCGCACCATGCAGAACCTGGAGATCGAG  
 CTGCAGTCCCAGCTCAGCATGAAAGCATCCCTGGAGAATAACCTGGAGGAGACCAAGGCCGTTACTGCA  
 TGCAGTGGCCAGATCCAGGAGATGATCGGCAGTGTGGAGGAGCAGCTGGCTCAGCTGCGCTGCGAGAT  
 GGAGCAGCAGAACCAGGAGTACAAAATCCTGCTGGATGTGAAGACAAGGCTGGAGCAGGATCGCCACC  
 TACCGCGCTGCTGGAGGGAGAGGACGCCACCTTTTCATCTTCCCAATTCTCCTCATCCTCTCAATTCT  
 CCTCTGGCTCTCAGTATCCAGAGATGTGACCTCCACCAACCGCCAGATCCGCACCAAGGTGATGGATGT  
 GCACGATGGCAAGGTGGTCTCCACCCACGAGCAGGTCTGCGCACCAAGAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207754 protein sequence  
 Red=Cloning site Green=Tags(s)

MATCSRQFTSSSSMKGSCGIGGGSSRMSSILAGGSCRAPSTYGGMSVTSSRFSSGGACGIGGGYGGFSFSS  
 SSFGGGLGSGFGRFDGFGGGFGGGLGGFGGGLGGGIGDGLLVGSEKVTMQNLNDRLATYLDKVR  
 ALEEANTELEVKIRDWYQRQRPTTEIKDYSPYFKTIEDLKSILAAATVDNANVLLQIDNARLAADDFRTKF  
 ETEQSLRMSVEADINGLRRVLDLTLARADLEMQIESLKEELAYLKNHEEEMASMRGQVGGDVNVEMDA  
 APGVDLSRILNEMRDQYKMAEKNRKAEEWFFSKTEELNREVATNSELVQSGKSEISELRRMQNLEIE  
 LQSQLSMKASLENNLEETKGRYCMQLAQIQEMIGSVEEQLAQLRCEMEQQNQEYKILLDVKTRLEQEIAT  
 YRRLLEGEDAHLSSSQFSSSQFSSGSQSSRDVTSTNRQIRTKVMDVHDGKVVSTHEQVLRTKN

**TR**TRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

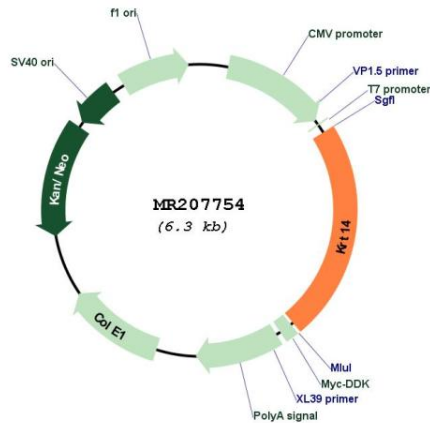


**Cytogenetics:** 11 D

**MW:** 52.9 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR207754