

Product datasheet for **MC215894**

Krt40 (NM_001039666) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt40 (NM_001039666) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt40
Synonyms:	CK-40; K40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215894 representing NM_001039666
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCGGATGGCTCCCTAGCTGCTGCTCTTCTGAGCCCTGTGCAGGGGCTTCGGCTGCGCAACTG
 CCTCATTCTGCCCAACACAACCTTGCCTCCCAACACCTGTTCCACATCCAGATGTCAAACCCAAG
 CTTCTCTGCAGGGCTTCCCTCCAGCCTGTTGCCTCTCACCGTCTACTTGGCTGGTGGCTGTAACAGT
 CCTTGCCTGGTGGGAGCTGTGCATGGTGTGAGGAAGGATCGTTCAACAGTAATGAGAAGGAGACCATGC
 AGTTCCTGAATGACCGCTGGCCAGCTATCTGGAGAGGGTGAAGCCTGGAAGAGAACAACGCAGAGCT
 GGAGTGCAGGATCCGAGAGCAATGCGAGCCCAATGCCCTCTGGTCTGCCCGATTATCAGCGTACTTC
 GACACCATTGAAGAACTCCAACAAAAGATATTGTGCACAAAGGCAGAGAATTCTAGACTTCCGTTCCAGG
 TGGACAACGCAACTGGCTGCTGATGATTTCCAGGTCAAATATGAGAGCGAACTGTCCCTGCGCCAGCT
 GGTGGAGAACGACATCACTGGCCTTCGTGGGATCCTGGGTGAACGACCTGTGCAAGTCAGATCTAGAG
 GCCACGTTGGAGTCTATGAAAGATGATCTGATTTGCCTTAAGAAAGGCCATGAAGAGGAGGTCAACCTGC
 TTCGTGAGCAGCTTGGCGATCGGCTCAGCGTGGAGCTGGACACTGCCCCACTGTGGACCTCAACAAGGT
 CCTGGATGAGATGCGATGTCAATACGAGAGGGTCTGGCCAACAACCGCAGGGATGCAGAGGAGTGGTTC
 GCTGCTCAGACAGAAGAGCTGAACCAGCAGCAGAAGTCCAGCGCGGAGCAGTTGGAGGGCTGCCAGACTG
 AGATGTTGGAGTTGAAGCGCAAGGCCAACACTCTGGAAATTGAGCTCCAGGCGCAGCAAACCTGACGGA
 GTCTCTGGAGTGTACTGTGGCAGAAACCGAGGCCAGTACAGCACACAACCTGGCCAAATGCAGTGCCTA
 ATTGACAGTGTGGAGCACCAGCTGGCTGAGATCCGCTGTGACCTGGAGCGTCAGAACCAGGAGTACCAGG
 TGCTGCTGGACACCAAGGCCCGGCTGGAGTGTGAGATCAACACGTACAGGGGCTGCTGGAGAAGGAGGA
 CAGCAGACTCCCCTGCAATCCAGGCTCCGGAGCACCCATGCCGAACAGCACATGTGAGCCGTGTTCAAAC
 AGCATGTGTGAGCCGTGTTCCAGCCTATGTGATTTGCACAGTTGAAAACCTGCTGTGCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039666

Insert Size: 1320 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_001039666.2, NP_001034755.1

RefSeq Size: 1320 bp

RefSeq ORF: 1320 bp

Locus ID: 406221

UniProt ID: [Q6IFX3](#)

Cytogenetics: 11

Gene Summary: May play a role in late hair differentiation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).