

Product datasheet for **RN202860**

Krt40 (NM_001008821) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt40 (NM_001008821) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krt40
Synonyms:	Ka36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202860 representing NM_001008821
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCGAAGGCTCCCTGACTGCTGCTCTTCTGAGCCCTATGCAGGGGCATCGAGCTGCACA
 CCTCATTCTGCCCCACCAGCACAACTTACCTTCCAGCACCTGCGCCACATCCAGATGTCAAACCCGAG
 CTTCTCTGCAGGGCTCACCTCCCGCCGGTTGCCTCTCACCGTCTACTTGACTGGCGGTTGTAACAGT
 CCTTGCCTGGTGGGAACTGTGCATGGTGTGAAGAAGGGACGTTCAACAGTAATGAGAAGGAGACCATGC
 AGTTCCTGAATGACAGATTGGCCAGCTACCTAGAGCGGGTGAAGAAGCCTGGAAGAGAACAATGCAGAGCT
 GGAGTGCAGGATCCGAGAGCAATGTGAGCCGATGCCACACCGGTCTGCCCGGATTATCAGCGGTACTTT
 GACACCATTGAAGAGCTACAACAAAAGATATTGTGCACGAAGGCAGAGAATTCTAGACTTGCCGTGCAGG
 TGGACAACGCAAACCTGGCTGCCGATGATTTTAGGTCAAAGTATGAGAGCGAACTGTCCCTGCGCCAGCT
 GGTAGAGAATGACATCAGTGGTCTTCGTGGGATCCTGGGTGAACGACCTGTGCAAGTCAGATCTGGAG
 GCCCATGTGGAGTCTCTGAAAGATGATCTACTTTGCCTTAAGAAAAGACCATGAAGAGGAGGTCAACTTGC
 TTCGTGAGCAGCTTGAGATCGACTCAATGTGGAGCTGGACACTGCCCCACTGTGGACCTCAACAAGGT
 CCTGGATGAGATGCGGTGTCAATATGAGAGGGTCTGGCCAACAACCGCAGGGATGCGGAGGAGTGGTTC
 GCTGCTCAGACAGAAGAGCTGAACCAGCAGCAGATGTCCAGTGCAGAGCAGCTGCAGGGCTGCCAGACTG
 AGATGCTGGAGTTGAAGCGTACAGCCAACACTCTGAAATTGAGCTCCAGGCACAGCAAACCTGACAGA
 GTCTCTGGAGTGTACTGTGGCAGAACTGAAGCCAGTACAGCACACAACCTGGCCCAAATGCAGTGCCTA
 ATTGATAGTGTGGAGCACCAGCTGGCTGAGATCCGCTGTGACCTGGAGCGTCAGAACCAGGAGTACAAGG
 TGCTACTGGACACCAAGGCCCGCTGGAGTGTGAGATCAACACATACAGGGCCCTGCTGGAGAAAAGAGGA
 CAGCAGACTCCCCTGCAATCCAGGCTCCACAGCTCCATATCAAACAGCGCATGTGAGCCGTGTTACGCC
 TACGTGATTTGCACGGTTGAAAACCTGCTGTGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001008821

Insert Size: 1296 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_001008821.1](#), [NP_001008821.1](#)

RefSeq Size: 1296 bp
RefSeq ORF: 1296 bp
Locus ID: 287679
UniProt ID: [Q6IFW2](#)
Cytogenetics: 10q31
Gene Summary: May play a role in late hair differentiation.[UniProtKB/Swiss-Prot Function]