

Product datasheet for **MC216728**

Krt39 (NM_213730) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt39 (NM_213730) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt39
Synonyms:	4732494G06Rik; Ka35
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216728 representing NM_213730
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATACCAAGGGCTCTACAGTGACGATTTCTTCTTCAACCCACCCAAAACCTGCTCTGGGAATACAA
ATTTTAGGACGAACTCTTCTTCTAACAAAGAGCTGTTGTCATGATGGCCAGTCAACTGGCTGTGCTCTACA
AACTCCCCAGGGCCAGGGCTGTGGATCCAGCCCTTGCCTTTATCGATGCCCTCATTACTTGATAAGAACC
TACAGTTCATCCTTGCTGGATGATGGCAGCAGGTGCACTGAAGGCATTAACACTCATGAGAAGGAGA
CCATGCAGATTTTGAACGAACGCCTTGCAAATCTGGAAAAGGTGCGGATGCTGGAAGGAGAGAACGC
GGACCTAGAGGATAAAATCCAGGAGGCATGCAGCAAGGCCTCCCATCCTGTGCTGACTACCTGTCC
TACTACACCACCTCGAGGAGCTGCAGCAGAAGATCTTGTGTACCAAGGCTGAAAATCCAGACTGGTCT
CACAAATTGACAACCAAACTGGCTGCAGATGACTTGAGAGCCAATGAAGCTGAGTTGTCCCTGCC
CCAGCTTGTGGAAGCCGATGCCAATGGCCTGAAGCAGATCCTGGATGCACTCACTCTGAGCAAGGCTGAC
CTGGAGGCCGAGTCCAGTCTCTGACGGAGGAACCTTGTGCCTCAAACGAACCATGAGGAAGAAGTTA
ATTCCTTACAGTGCCAACTAGGGGACAGAATCAACATTGAAGTAACAGCTGCCCTTCTGTTGACCTAAA
TCAAATCTACAAGAAATGAGATGCCGGTACGAGTCCATCATGGAGACAAACCGTAAAGACGTAGAAGAA
TGGTTCAATACACAGATGGAGGAACTGAATCAACAAGTAGTGAGCAGCTCTCAGCAGCAGCAATGCTGCC
AGAAGGACATCATAGAGCTGAGACGGACCAATAGTGCCTCGAGATTGAGCTGCAGGCCACAGCAAGAT
GAGAGAGTCCCAGGAATGCATCCTGACGGAGACGGAGGCCGCTACACAGCCCTGCTGGCCAAATCCAG
AGTCTGATCCACAACCTGGAGGCTCAGGTGGCAGATATCCGCAGTGCCTGCAAAGACAGAGCCAGGAAT
ATGAAGTTCTGCTAGACATCAAGTCCCGCTGGAGTGTGAGATAGCCACATACCGAAGCCTCTTGAGAG
CTTAGATGGCAGGCTTCCCTGTAACCCATGTGCCACTAAGTGGGAGCCATCCTGCCAGGCCAGAGCTATG
GAGTGTTTTACCCAGTTTATACATCTTCATCACTCCCTGGGATTACAAGCCCTGCCGTGCTCTGGAC
CCCCATCCCGGATACTTGTAAAGATATGCACCATACCAAGGAGATCAAGGATGGGAAGTCAATTTCTTC
TTACGAGCATGTGCAGCCTTGCTACATCACCAGAGCTACCAAAGT**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_213730

Insert Size: 1449 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_213730.2](#), [NP_998895.2](#)
RefSeq Size: 1449 bp
RefSeq ORF: 1449 bp
Locus ID: 237934
UniProt ID: [Q6IFX4](#)
Cytogenetics: 11 D
Gene Summary: May play a role in late hair differentiation.[UniProtKB/Swiss-Prot Function]