

Product datasheet for **MC219439**

Krt76 (NM_001033177) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt76 (NM_001033177) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt76
Synonyms:	2310001L23Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219439 representing NM_001033177
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCAGACAAGCCTGCAAGAAATCCTTCAGTTGTGGGAGCCAGGGCTTCTCTGGCCACTCAGCTGTGG
 TATCTGGCAGCAGCAGGAGCAGCTGTGTGGCTCGCTCTGGGGCAGCCAGTGGAGGGGCTTGTGGTTCCG
 GAGCGGAGCAGGTAGCCTTGGCAGTCACAGCCTCTACAGCCTGGGTGGCAGTAAGAGTATTTCTATCAGC
 GTGGCGGCTGGTGGCTCCCGGGCTGGTGGCTTCAGTGGAGGGCGTAGCAGCTGTGGCAGTGGCTTTGGAA
 GTGGCTATGGAGGTAGCCTTGGTGGTAGTAGAGGAATGGGAGCTGGCTTTGGGGGCCCTTCTGGATTTGG
 GGGAGCTGGTGGCTTTGGTAGGCCTGGTAGCTTTGGCCCTGGTAGCTGCCCTGGTGAATCCAGGAAGTG
 ACCATCAACCAGAGCCTCTGCAGCCCCTCAATGTAGAGATTGACCCCAAGTGGGCAAGTGAAGGCC
 AGGAGCGTGAACAGATCAAGACCCTCAACAACAAGTTTGCTTCCTTCATCGACAAGGTGCGCTTCTGGA
 GCAGCAGAACAAGTCTGGAGACCAAGTGGGAGCTGCTGCAGCAGCAGACCATACGCTCTGGCTCAGGA
 CCCAGAACCTGGAACCTTTCTTTGAATCCTACATCAGCTGCCTGCGCAAGCAGTTAGATCACTTCTGG
 GGGCAAGGGGAGCCTGGAGGGAGAGCTGAAGAGCATGCAAGACCTGGTAGAAGACTTCAAAAAGAAGTA
 TGAAGAGGAGATCAACAGGCGTACTGCTGCAGAGAATGAATTTGTAGGGCTGAAGAAGGATGTAGATGGA
 GCTTTTCATGAACAAAGTGGAGCTGCAGGCTAAAGTGGACAGTCTGACAGATGAAATCAACTTTCTGAGGA
 CTCTCTACGACATGGAGCTGTCCAGATACAGAGTCATGTCAGTGACACATCTGTGGTCCCTGTCCATGGA
 CAACAACCGCTGCCTGGACCTGGACAGCATCATCGCTGAGGTCAAGGCCAGTATGAGGACATTGCCAG
 AAGAGTAAGGCTGAGGCTGAGGCCCTGTACCAGACCAAGCTTGGGGAGTTACAGACCACAGCTGGCAGGC
 ATGGTGATGACCTGAGGAGCACAAGAGCGAGATCATGGATCTCAACAGGATGATCCAGAGACTGCGAGC
 GGAGATTGAGAATGTCAAGAAGCAGAACAACCAACATGCAGACATCCATTGCAGAGGCTGAACAGCGTGGT
 GAGCGGGCCCTCAAGGATGCAGATACCAAATTCCAAGACTTGCAGGTTGCTCTGCAGAAGGCCAAGGAGG
 ACATGGCCCGGCTGCTGAAGGAGTACCAGGAGCTCATGAATGTCAAGCTGGCCCTGGATGTGGAGATCGC
 CACCTACAGGAAGCTACTGGAGGGCAGGAGTGCAGGTTGTCTGGAGAGTTTCAGAATGCTGTGAGCATT
 TCAGTGGTCAGCAATGTTACCAGCACAAGCAGCAGCGGAAGCTTTCAGAGGGACCGGTGGCAGTAACACG
 GAGGGGATAGCAGTGGCAGAAGCGGCGGCAGCAGCAGCAGCAGCAGAGGCAGCAGCAGAGGCGAG
 CAGTGGGAGCAGACTTGGCAGTGGAGGCAGCATCTCCGTGAGCCAGCAGAGAATGGGCTTTAACTCTGGT
 GGCAGCCAGACCTCAGTAGGCAGCAGCTACAAGTCTGGCAGAGGAGGCAGCAGCAGTGTTCAGTTCTCTC
 AGACCACCAGTTCAGCCAGCAACGCTCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033177

Insert Size: 1785 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_001033177.2](#), [NP_001028349.1](#)

RefSeq Size: 2312 bp

RefSeq ORF: 1785 bp

Locus ID: 77055

UniProt ID: [Q3UV17](#)

Cytogenetics: 15 F2

Gene Summary: Probably contributes to terminal cornification.[UniProtKB/Swiss-Prot Function]