

Product datasheet for MC215716

Krt17 (NM_010663) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt17 (NM_010663) Mouse Untagged Clone
Tag: Tag Free
Symbol: Krt17
Synonyms: K17; Krt1-1; Krt1-17
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215716 representing NM_010663
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCACCACATCCGCCAGTTTACCTCCTCCAGCTCTATCAAGGGCTCCTCTGGCCTGGGTGGAGGTT
 CATCTCGGACCTCTGCCGACTGTCTGGCAGCCTGGGTGCAGGCTCCTGCAGGCTGGGGTCAGCTAGTGG
 CCTGGGTAGTGCTTTGGGAGCAACAGTTATTCCAGCTGTACAGCTTTGGCACTGGCAGTGGTTATGGA
 GGCAACTTTGGGGGTGTCGATGGGCTGCTGGCTGGAGGGGAGAAGGCCACCATGCAGAACCTCAATGACC
 GCCTGGCCTCCTACCTGGACAAGGTGCGTGCCTGGAAGAGGCCAACACTGAGCTGGAGGTGAAGATCCG
 AGATTGGTACCAGAAGCAGGCCCGGGCCAGCCAGAGACTACAGCGCTTATTACCATACCATGAGGAT
 CTGAAGAACAAGATCCTTGTGGCCACCGTGGACAATGCCAGCATCCTGCTCCAGATTGACAATGCTCGTC
 TGGCAGCCGATGACTTCCGTACCAAGTTTGAGACAGAGCAGGCTCTGCGCATGAGCGTGGAGGCCGACAT
 CAATGGCCTGCGCCGGGTGCTGGATGAGCTGACCCTGGCCAGAGCCGACCTGGAGATGCAGATTGAGAAT
 CTCAAGGAGGAGCTGGCCTACCTGAAGAAGAACCACGAGGAGGAGATGAATGCTCTGAGAGGCCAGGTGG
 GCGGCCAAATCAACGTGGAGATGGATGCCGCTCCCGGTGTGGACCTGAGCCGCATCCTGTGAGAGATGCG
 TGATCAGTACGAGAAGATGGCGGAGAAGAACCGAAGGATGCCGAAGACTGGTTCTTCAGCAAGACCCGAG
 GAGCTGAACCGCGAGGTGGCCACCAACAGCGAGCTGGTGAGAGCGGCAAGAGCGAGATCTCCGAGCTCA
 GGCGCACCATGCAGGCCCTGGAGATTGAGCTGCAGTCCCAGCTCAGCATGAAAGCATCTCTGGAGGGCAG
 CCTGGCAGAGACAGAGAACCCTACTGCGTGCAGCTGTCTCAGATCCAGGGGCTGATCGGCAGTGTGGAG
 GAGCAGCTGGCTCAGCTGCGCTGCGAGATGGAGCAGCAGAACCAGGAGTACAAGATCCTGCTGGATGTGA
 AGACAAGGCTGGAGCAGGAGATCGCCACCTACCGCGTCTGCTGGAGGGAGAGGATGCCACCTGACTCA
 GTACAAGCCAAAAGAACCTGTGACCACCCGAGGTGCGCACCATTGTGGAAGAAGTTT CAGGATGGCAAG
 GTCATCTCATCCCGGGAACAGGTGCACCAGACCACCCGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010663
Insert Size:	1302 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:	<ol style="list-style-type: none">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_010663.3 , NP_034793.1
RefSeq Size:	1579 bp
RefSeq ORF:	1302 bp
Locus ID:	16667
UniProt ID:	Q9QWL7
Cytogenetics:	11 63.44 cM
Gene Summary:	The protein encoded by this gene is a member of the type I keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The encoded protein is a cytokeratin required for the normal growth of hair follicles and may act in psoriasis as an immunopathogenic autoantigen. [provided by RefSeq, Sep 2015]