

Product datasheet for **MC206703**

Krt20 (BC057172) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt20 (BC057172) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt20
Synonyms:	K20, CK20, KRT21
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057172
 CCAAGTCCAGGCTACAGGCGTTGCCTCCCTACATCCCAGATGGATTTTCAGTCGTCAAAGTTTTCCACCGAA
 GTCTGAGTTCTCCTCACAAGGCCAGCACTCAGCATGAATGGCTCGCTGTATAGGAAGGGGACTGTGCA
 GCGTCTGGGGGCTGCACCCAGCGTCTATGGTGGGGCTGGAGGCCATGGCACTCGCATCTCTGTCTCCAAA
 GCCGTAATGAGCTACGGGGGTGATCTCTCCAACGGATCGGACCTGTTTGGGGCAATGGGAACTGGCAA
 TGCAGAACCTGAACGACAGATTGGCAAACCTACCTAGAAAAAGTGCCTCCCTGGAGCAATCCAATCCAG
 ACTTGAAGCCAGATCAAGCAGTGGTACGAAACCAACGCGCCGAGCACCATCCGAGACTATAGCTCCTAC
 TACGCACAGATTAAGAGCTGCAAAATCAGGTTAAGGATGCTCAAGTACAAAATGCCAGTGCCTCCTGC
 AAATTGACAATGCTAAGCTGGCTGCAGAGGACTTCAGATTGAAGTTTGGAGTGTGAGAGGGGAATGCATAT
 AGCTGTGGAAGCTGATCTCCAAGGCTGAGCAAAGTTTATGATAATCTGACTCTTCAAAGACAGACTTG
 GAAATTCAGATTGAAGAACTGAACAAGGACCTGGCCCTCCTAAAAAGGAACATCAAGAGGAAGTTGAGG
 TTCTTCGCCGGCAGCTGGGCAACAATGTCAACGTGGAGGTGGATGCTGCTCCAGGCTGAACCTGGGAGA
 GATCATGAATGAGATGAGACAGAGATATGAAGTCTGGCCAGAAGAACCCTGCAAGAGGCCAAAGAACAG
 TTCGAGAGACAGAGTCAAACCTCTGCAGCAACAAGTACAGTGAACACGGAGGAGTGAAGGATTTCGAGG
 TTCAAGTACGGAGCTGAGACGCACCTACCAGAACCTGGAGATAGAGTTGCAGTCCCACCTCAGCATGAA
 AGAGTCTCTGGAGCGCAACCTAGAGGACGTCAGGCTCGTTACGCCAGCCAGTTGGCAGCCATCCAGGAG
 ATGCTGAGCTCCCTGGAGGCCAACTGATGCAGATCAGGAGTGACACAGAACGCCAGAACCAAGAACACA
 ACATCCTTCTCGACATAAAGACCCGGCTTGAGCAGGAGATCGCCACCTACCGCCGCTTCTGGAGGGAGA
 AGATATAAAAACCTACAGAATACCAGCTGAGCACTTTGAAATGAAGGATATCAAGAAAACCGGAAGATT
 AAGACGGTCGTGGAAGAAGTGGTAGACGGCAAGGTCGTGCTCCTCTGAAGTCAAGGAGATAGAAGAGAGTG
 TCTAACCAAGCTGTCAAAGGGAGGCTGCTCCAGCTGTGGCCCGTGAAGACAACACTGTGTAGTGGCTTTA
 AAGTGTGTGTGGGGGGGGGGGGGAGTCTATTTATCAAGCTGTGTAATTAATAAATGTTCACT
 CCAGGGAGCTGTAAAGGGCAAGATTAACCCAGCACAATCGTCCCTATTGCAAGGCACATCCATCACAGA
 CCAGTTCAGGTAGAGTAAAGCATTGGAGGAGTTCAAGCAAAGAGCAAATAAACCGCTCTCCTTTGGGGTC
 TTGTTTTTCTTGTCTTGAATTGCTAAAAGCCCGTTAGTGAACGGGTTCTCCAGGGAGGCAACTCCCA
 GTTAATCTCATTGTCTCCTTGTGCCTTTAAGCCTTTCTGATGTCTCCACTGCCTCTCAAACCTCAAC
 TTAGTCTTTGAATAATTTAAACAAACTCCAATCACAAATGCTGAGGAGAATAAGAACACAGCACAAGGT
 GATTGACATGGGGTTCAGTTAAGAGCAAACCTAGCCTGGACGGGAATGTGCTTCGTCTCATAATAAACT
 GCTTAACCATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC057172

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: [BC057172](#), [AAH57172](#)

RefSeq Size: 1919 bp

RefSeq ORF: 1296 bp

Locus ID: 66809

Cytogenetics: 11 D

Gene Summary: This gene encodes a member of the keratin protein family and is found within a cluster of cytokeratin genes on chromosome 11. Keratins are cytoskeletal proteins that are preferentially expressed in epithelial cells. The encoded protein may help maintain intermediate filament organization in intestinal epithelium. Phosphorylation of this protein may also influence mucin secretion in the small intestine. [provided by RefSeq, Dec 2015]