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Product datasheet for MC203141

Krt19 (NM_008471) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt19 (NM_008471) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt19
Synonyms:	AI663979; CK-19; End; EndoC; K19; Krt-1.1; Krt-1.19; Krt1-1; Krt1-19
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC034561 GCAGTTCTCAGACCTGCGTCCCTTTTTCCTTCGCTCTGGTCTCCCTCCTCATCATGACTTCCTATAGCTA TCGCCAGACCTCAGCTATGTCTTCCTTTGGGGGTACGGGCGGGGGTTCAGTACGCATTGGGTCAGGGGGT GTTTTCCGCGCACCCAGCATCCACGGGGGCTCAGGTGGCCGCGGCGTGTCCGTGTCCTCCACCCGCTTCG TGACCTCGTCCTCCGGGAGCTATGGCGGAGTCCGCGGTGGAAGTTTTAGTGGGACCCTGGCTGTGTCTGA TGGGCTGCTGTCTGGCAATGAGAAGATCACCATGCAAAACCTCAATGATCGTCTCGCCTCCTACTTGGAC AAGGTGCGCGCCCTAGAGCAGGCCAATGGCGAGCTGGAGGTGAAGATCCGCGACTGGTACCAGAAGCAGG GACCCGGACCCTCCCGAGATTACAACCACTACTTTAAGACCATCGAGGACTTGCGCGACAAGATTCTTGG TGCCACCATTGACAACTCCAAGATTGTCCTACAGATTGACAATGCTCGCCTGGCTGCAGATGACTTCAGA ACCAAGTTTGAGACAGAACACGCCTTGCGTCTGAGCGTGGAGGCCGACATCAACGGCCTGCGCCGGGTGC TGGATGAGCTGACTCTGGCCAGGACTGACCTGGAGATGCAGATTGAGAGCCTGAAGGAGGAGCTGGCCTA CCTGAAGAAGAACCATGAGGAGGAAATTACTGCCCTGAGGAGCCAGGTGGGTGGCCAGGTCAGTGTGGAG GTGGATTCCACTCCCGGTGTCGACCTAGCCAAGATCCTGAGTGAGATGAGAAGTCAGTATGAGATCATGG CCGAGAAGAACCGGAAGGATGCTGAAGCCACCTACCTTGCTCGGATTGAGGAGCTGAACACCCAGGTCGC CGTCCACTCTGAGCAGATCCAGATAAGCAAGACCGAAGTCACGGACCTTCGACGGACCCTCCAGGGCCTT GAGATTGAGCTGCAGTCCCAGCTCAGCATGAAAGCTGCCCTGGAAGGCACGCTGGCAGAGACGGAGGCCC GTTATGGAGTCCAGCTGTCACAGATCCAGAGCGTGATCAGCGGTTTTGAAGCCCAGCTGAGCGACGTGCG TGCCGACATAGAGCGCCAGAACCAGGAGTATAAGCAGCTCATGGACATCAAGTCCAGGCTGGAGCAGGAG ATCGCCACCTACCGCAGCCTGCTGGAGGGCCAGGAAGCCCACTACAACAATCTGCCCACCCCCAAGGCCA TCTGAGCTACCAGCGAGACTCCCCTGGGAAGGGGCCTGACTGGGGTGATAAAAGTTTACTCTAACCCCTC CCTCGACTTGTCAATAAAACTATCCTCCAAGGGAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_008471
Insert Size:	1212 bp

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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:	BC034561, AAH34561
RefSeq Size:	1382 bp
RefSeq ORF:	1212 bp
Locus ID:	16669
UniProt ID:	P19001
Cytogenetics:	11 63.42 cM
Gene Summary:	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).