

Product datasheet for MC200010

Krt14 (BC003325) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Krt14 (BC003325) Mouse Untagged Clone
Tag: Tag Free
Symbol: Krt14
Synonyms: A1626930; CK-14; K14; Krt-1.14; Krt1-14
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003325
AAGCTATGTAGGGATTCTTAGGGGGACATTAATAATGCCAAGCCCCATTTTAGGATTATAGATCCTGGCAG
CCACCGTGGACAATGCCAATGTCCTCCTGCAGATCGACAATGCCCGCCTGGCTGCCGATGACTTCCGGAC
CAAGTTTGAGACGGAGCAGAGCCTGCGCATGAGCGTGGAGGCCGACATCAATGGCCTGCGCAGGGTGCTG
GATGAGCTGACCTGGCCAGAGCCGACCTGGAGATGAGATTGAGAGCCTCAAGGAGGAGCTGGCCTACC
TGAAGAAGAACCACGAGGAGGAAATGGCCTCCATGAGAGGCCAGGTGGGTGGAGACGTCAATGTGGAGAT
GGACGCCGCCCTGGTGTGGACCTGAGCCGCATCCTGAACGAGATGCGGGATCAGTACGAGAAGATGGCG
GAGAAGAACCGAAGGATGCTGAGGAATGGTTCTTCAGCAAGACAGAGGAGCTGAACCGCGAGGTGGCCA
CCAACAGCGAGCTGGTGCAGAGCGGCAAGAGTGAATTTCTGAGCTCCGGCGCACCATGCAGAACCTGGA
GATCGAGCTGCAGTCCCAGCTCAGCATGAAAGCATCCCTGGAGAATAACCTGGAGGAGACCAAAGGCCGT
TACTGCATGCAGCTGGCCAGATCCAGGAGATGATCGGCAGTGTGGAGGAGCAGCTGGCTCAGCTGCGCT
GCGAGATGGAGCAGCAGAACAGGAGTACAAAATCCTGCTGGATGTGAAGACAAGCTGGAGCAGGAGAT
CGCCACCTACCGCGTCTGCTGGAGGGAGAGGACGCCACCTTTTCATCTTCCCAATTCTCCTCATCTCT
CAATTCTCCTCTGGCTCTCAGTCATCCAGAGATGTGACCTCCACCAACCGCCAGATCCGCACCAAGGTCA
TGGATGTGCACGATGGCAAGGTGGTCTCCACCCACGAGCAGGTCTGCGCACCAAGAACTAAAGTGCTA
CATGCTGCTCAGGCTTAGGAGGCTCCTGCGTGGACGCAGATACTGCTGGAAGAGCCCCTGTATTGTCCCT
ATAGGCTTCACTTTTACTTGACCCTTGTCTTCTGGAAGCAATAAAGCTTCTTTTCTGAGTTGCAC AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC003325
Insert Size: 804 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).



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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:	<u>BC003325, AAH03325</u>
RefSeq Size:	1136 bp
RefSeq ORF:	804 bp
Locus ID:	16664
Cytogenetics:	11 D
Gene Summary:	This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]