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Product datasheet for MC227907

Krt83 (NM_001201323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt83 (NM_001201323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt83
Synonyms:	5430421N21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC227907 representing NM_001201323
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCTGTGGCTTTCGAACTGGAAACTTCAGCTGCGCCTCAGCCTGCGGGCCCCGGCCTGGCCGCTGCT
GCATCTCTGCAGCTCCCTACAGGGGCATCTCCTGCTACCGAGGACTCTCAGGGGGCTTCGGCAGCCAGAG
TGTCTGTGGGGCCTTCCGCTCCGGCTCCTGTGGACGCAGCTTCGGGTACCGATCTGGAGGCATCTGCGGG
CCCAGCCCACCCTGCATCACCACCGTCTCTGTCAATGAGAGCCTGCTCACACCCCTGAACCTGGAGATCG
ACCCCAATGCTCAGTGTGTGAAGCATGAGGAGAAAGAGCAGATCAAGTGTCTCAACAGCAGGTTCGCGGC
CTTCATCGACAAGGTGCGCTTCCTGGAGCAGCAGAACAAGCTGCTGGAGACCAAGTGGCAGTTCTACCAG
AACCGCAAGTGCTGTGAGAGCAACATGGAGCCTCTGTTCGAGGGCTACATCGAGACGCTGAGGCGGGAGG
CTGAGTGTGTGGAGGCCGACAGCGGGAGGCTGGCTGCTGAGCTCAACCATGCGCAGGAGTCCATGGAGGG
CTACAAGAAGAGGTATGAAGAAGAAGTTGCACTCCGGGCCACAGCAGAGAATGAGTTTGTGGCTCTAAAG
AAGGATGTGGACTGTGCCTACCTGCGCAAGTCAGATCTGGAGGCCAACGCAGAGGCTCTGACCCAAGAGA
CCGACTTCCTGAGGAGAATGTATGATGAGGAGACCCGCATCCTCCATTCCCACATCTCAGACACATCTGT
CATCGTCAAGATGGACAACAGCCGGGACCTGAACATGGACTGTGTCGTGGCTGAGATCAAGGCTCAGTAT
GATGACATTGCCAGCCGCAGCCGTGCTGAGGCCGAGTCCTGGTACCGCACCAAGTGTGAGGAGATGAAGG
CCACAGTGATCCGGCATGGAGAGACTCTGCGCCGCACCAGAGAGGAGATCAATGAGCTGAACAGAATGAT
CCAGAGGCTGACTGCTGAGATCGAGAATGCCAAGTGCCAGAACACCAAGCTGGAGGCTGCTGTGACCCAA
TCTGAGCAGCAGGGAGAGGCTGCCCTTGCTGATGCCCGCTGCAAGCTGGCTGAGTTGGAGGGTGCCCTGC
AGAAGGCTAAGCAGGACATGGCCTGCCTGCTCAAGGAGTACCAGGAGGTGATGAACTCCAAGCTGGGGCT
GGACGTGGAGATCATCACCTACAGGCGCCTGCTGGAGGGCGAGGAGCAGAGGCTGTGTGAAGGCGTGGGA
GCTGTGAATGTCTGTGTCAGCAGCTCCCGTGGTGGAGTTGTGTGCGGGGACCTCTGTGTGTCTGGCTCAC
GGCCTGTGACAGGCAGTGTCTGCAGTGCCCCATGCAGCGGGAATGTGGCAGTAAGCACTGGCCTGTGTGC
GCCCTGTGGAAGCGGCCCTTGTCACCCGGGGAGGTGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001201323

Insert Size: 1440 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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).

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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_001201323.1, NP_001188252.1
RefSeq Size:	1775 bp
RefSeq ORF:	1440 bp
Locus ID:	100126226
Cytogenetics:	15 F2

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