

Product datasheet for MC215795

Krt13 (NM_010662) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt13 (NM_010662) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Krt13
Synonyms:	CK13; K13; Krt-1.1; Krt-1.13; Krt1-1; Krt1-13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215795 representing NM_010662 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCTGCCGCTCCAGAGTTCCTCCATGAGCTATGGAGGTGGTTTCGGAGCTGGTTCTTGCCAGCTTG
GAGGAGGCCGTAATATCTCCTCCTGCTCATCTCGGTTTGTCACTGGAGGGTCAGCTGGAGGCTATGGAGG
GGGCATGAGCTGTGGCTTTGGTGGAGGAGCTGGTGGTGGCTTTGGAGGTGGCTTTGGAGGTGGCTTTGGA
GGTAGCTATGGCGGAGGTTTTGGCGGTGGCTTTGGTACTTCGGAGGTGTGATGGTGGCCTCCTCTCTG
GCAACGAGAAGATCACCATGCAGAACCTCAATGACCGCCTGGCCAGCTACCTGGATAAAGGTGCGCGCCTT
GGAGGCAGCCAATGCCGACCTGGAGGTGAAGATTTCGTGACTGGCATCTGAAACAGAGCCCAGCTAGTCCA
GAGCGGGACTACAGTGCTTATTATAAGACCATCGAGGAGCTCCGGATCAAGATTCTGGAAGCCACCACGG
ACAACAACCGGATCATCCTGGAGATTGACAATGCCAGGCTGGCTGCAGATGACTTCAGGCTCAAGTACGA
AAATGAGCTGACCTTGCGCCAGAGCGTGGAGGCCGACATCAACGGCCTGCGCAGGGTGTGGATGAGCTG
ACTCTGGTAAGACTGACCTGGAATGCAGATTGAGAGCCTGAATGAAGAAGTGGCTTACCTGAAGAAGA
ACCACGAAGAGGAGATGAAGGAATTCAGCAACCAGGTAGTAGGCCAGGTCAATGTGGAGATGGACGCCAC
CCCTGGCATTGATCTGACCCGTGTGCTGGCTGAGATGAGGGAGCAGTATGAAGCCCTGGCAGAGAAGAAT
CGGAGGGATGCTGAGGAATGTTCCAGACCAAGAGTGCAGAGCTGAACAAGGAAGTATCCTCCAACGCTG
AAATGATCCAGACCAGCAAGACAGAGATCACAGAACTCAGGCGCACACTCCAGGGCCTGGAGATTGAGCT
GCAGTCCCAGCTGAGCATGAAAGCCGGCCTGAAAGTACGTTGGCAGAGACAGAGTGCCGCTACGCCCTG
CAGCTGCAACAGATCCAGGGGCTCATCAGCAGCATCGAGGCTCAGCTGAGCGAGCTCCGAAGTGAAGTGG
AGTGCCAGAACCAGGAATACAAGATGCTGTTGGACATCAAACAAGGCTGGAACAGGAGATCGCCACCTA
CCGCAGCCTGCTAGAGGGCCAGGATGCTAAGATGACCGGCTTCAACTCCGGAGGAAATAACACTACTACC
TCCAACGGGTCCCCTCCTCAATTCCGGTCGCCAGATTTCCGAAAGTAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010662
Insert Size:	1314 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:	<u>NM_010662.2</u> , <u>NP_034792.1</u>
RefSeq Size:	1674 bp
RefSeq ORF:	1314 bp
Locus ID:	16663
UniProt ID:	<u>P08730</u>
Cytogenetics:	11 63.41 cM
Gene Summary:	<p>The protein encoded by this gene is a member of the 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. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>