

Product datasheet for **MR221811**

Krt72 (NM_213728) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt72 (NM_213728) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Krt72
Synonyms:	A1507495; K6irs2; Krt2-35; Krt72-ps
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR221811 representing NM_213728
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCGCCAGTTGACCCTCTATCCCGGAGCTGAGCGCCTGGGTTTCAGTGGCTGCTCTCGCGTCACT
 CAGGCAGGCTCAGTGGCAGTACGCCTCGTCCGAGCTGGAGTCAAGGGAGCAGCATTTGGGAGCAGAAG
 CCTGTTCTGTGTGGGGGAGGCCGGCGGCTGGCGTTGAGCTCTGCAGGGCGAAGTGGTGGCTTACGCTG
 GGCCACGGAGGGGCGAGCGGTGGCGGCCCTGGGGCTTCGTGGGCACCGTCTTCGGCAGCGCGGACTGG
 GGCCACATGCCATCAGTGTGCCCTCCCGGTGGCATCCCCAGTTGTCGTCAACAAGAGCCTTCTGGC
 CCCACTCAATGTGGAGCTGGACCCGAGATCCAGAAGTGCAGGACACAAGAGAGGGAGCAGATCAAGGT
 CTGAACAACAAGTTGCCTCCTTATTGACAAGTCCGCTTCTTGAGCAACAGAACCAGGACTGGAGA
 CCAAGTGGGAGCTGCTGCAGCAGCTGGACCTAAACAACCAAGAGGAGCCTGGAGCCTGTGCATGAGAG
 TTACATCAGCAACTGCAGAAGCAGCTGGAGATCCTGTCTGGGGATAGGGTGGAGCTGGACTCAGAGCTG
 AGGAACATGAGGGAAGTGGTGGAGGACTGCAAGAAGAGGTACGAGGTGGAGATTACAGAGCAGCGGCTG
 CCGAGAACGAGTTCGTGGTGTGAAGAAGGATGTGGACGAGCTTACATGAACAAGTGGAGCTCCAGGC
 CAAGGTGGACTCCTTGACAGATGACATCAAATCTTCAAGGTTCTCTTTGAAGGGGAGATAGCTCAGATG
 CAGTCCCACATCAGCGACACATCCGTCATTCTCTCCATGGACAATAACCGGCAGCTGGACCTGGACAGCA
 TCCTCGCTGAGGTTTCGAGCCAGTATGAGGAGATTGCTGTGAAGAGCAAGGCAGAGACGGAGAACATGTA
 CCAGTGTAAAGTCCAGGAGCTGCAGGCCACTGCAGGCCAACACGGGGATGACCTCAAACACACCAAGTCT
 GAGATCACAGAGATCAACAGGCTGATCCAGAGGATCCATTCAGAGATAGGAAACATGAAGAAGCAGTGT
 CCAACTGGAGACGGCCATTGCTGACGCTGAACAGAGAGGTGACTGTGCTCTCAAGGATGCCCGGGCCAA
 GCTGGACAGCTGGAGGGAGCCCTGCAGCAGGCCAAGGAGGAGCTGGCCCGGATGCTGCTGAGCATCAG
 GAGCTCATGAATGTCAAGCTCGCCCTGGACATGGAGATCGCCACCTACAGGAAGCTTCTGGAGAGCGAGG
 AGAGCCGGATGGCTGGTGAATACCCAAATCTGTGAGCATTCTGTGATTAGCAGTACCAATGCAGGACC
 AGGAGGTGCTGGCTTTCAGTGTGGCTTTGGTGCCTCGAGCAGTTACAACATAGACCTCTGGCCCTGGAG
 GTGAAGACCAAGGATGCTGTGGCAGCGAGCTCAAGGATCCTCCGGCCAAAACCTCAGGCAGCAGCGGTA
 CAACCAAAAAGACCTCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSRQLTLYPGAERLGFSGCSAVISGRLSGSHASVRAGVKGAAFGSRSLFCVGGRRLLALSSAGRSRGFTL
 GHGGASGRPGFVGTVFGSAGLGPTCPSVCPGGIPQVVVVKSLLLAPLNVELDPEIQKVRAREQEIKA
 LNNKFASFIDKVRFLFQQNQVLETKWELLQQLDLNNSKRSLEPVHESYISNLQKQLEILSGDRVRLDSEL
 RNMREVVEDCKKRYEVEINRRTAAENEFVVLKDVDAAYMKNVELQAKVDSLTDIIFKVLFEQIAQM
 QSHISDTSVILSMDNNRQLDLDSILAEVRAQYEEIAVKSKAETENMYQCKIQELQATAGQHGDLLKHTKS
 EITEINRLIQRIHSEIGNMKKQCSNLETAIADAEQRGDCALKDARAKLDQLEGALQQAKEELARMLREHQ
 ELMNVKLALDMEIATYRKLLESEESRMAGEYPNSVSVISVSSSTNAGPGGAGFSVGFAGSSSYNYRPLALE
 VKTKGSCGSELKDPKATSGSSGTTKTSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9080_d07.zip

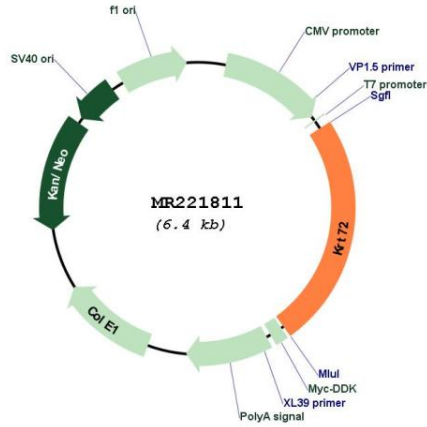
Restriction Sites:

SgfI-MluI

MW: 56.8 kDa

Gene Summary: Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR221811