

Product datasheet for **MR215904**

Krt35 (NM_016880) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt35 (NM_016880) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Krt35
Synonyms:	A1662400; Ha5; Krt1-24; Krtha5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR215904 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCCAATGCCTCAAGGCCAGTCTCTCCTCAGGATCTCTGAAGAGCCCGGGAAAGCCGGAGGGG
 GATCCACTCGCGTGCCAACATGTACTCCAGCAGCTCTTGCAAGCTGCCAGCCCTCCCGTGGAGCCCG
 GAGTTTCTCCGTGTGTTCCGCTGGCCTGGGGAGAGGCAATTACAGGGTATCCAGCTGCCTCCAGCTCTC
 TGCTCCCAACGGGAGGCTTTGCCACCAGCTACGGCACGGGTGGAGGTTGGTTTGGAGAAGGCATCTCA
 CTGGTAATGAGAAGGAGACCATGCAGTCCCTGAATGACCGCTGGCCAGCTATCTGGAGAAGGTGCCCA
 GCTGGAGCAGGAGAATGCCAGCCTGGAGAGCCGAATTCGGGAGTGGTGTGAGCAGCAGGTGCCCTATATG
 TGCCCCGATTACCAGTCTTACTCCGGACCATGGAGGAGCTCCAGAAGAAGACTCTTTCAGCAAGGCAG
 AGAACGCCAGGCTGGTGGTGCAGATTGACAATGCCAAGCTGGCTGCTGATGACTTCAGGACCAAGTATGA
 GACTGAGGTTTCCCTGCGGCAGCTGGTGGAGGCTGACATCAATGGCTGCGCAGAATCCTGGATGATCTG
 ACTCTGTGCAAGGCTGACCTGGAAGCTCAGGTGGAGTCTCTGAAGGAAGAATTGCTTTGCCTCAAGAAGA
 ACCATGAGGAGGAAGTGAACACTCTGCGCTGCCAGCTTGCGCATCGGCTCAATGTTGAGGTGGATGCTGC
 TCCACCCGTTGACCTGAACCGCTTCTGGATGAGATGAGGTGCCAGTATGAGACCTTGGTGGAGAATAAC
 CGGAGGGATGCTGAAGACTGGTATGACACCCAGACCGAGGAACCTGAACAGCAGGTTGTGTCAGCTCAG
 AGCAGCTGCAGTCTGCCAGTCGGACATCATTGAGTTGAGACGCACTGTCAACTCTCTGGAGATAGAGCT
 GCAGGCCAGCAGAGCATGAGAGATGCTTTGGACTCCACCCTGGCAGAGACAGAAGGCCGCTACAGCTCT
 CAGCTGGCTCAGATGCAGTGCATGATCGCAATGTGGAGTCCCAGCTTGGTGGAGATCCGGGCTGACCTGG
 AGCGTCAGAACCAGGAGTACCAGGTGCTGCTGGATGTCGGGCCAGGCTGGAGTGTGAGATCAACACCTCA
 CAGGGGCCCTGCTGGAGAGCGAGGACAGCAAGCTTCCCTGCAACCCGTGTGCCCTGACTACTCTTCCCTCC
 AAGTCATGCCTCCCTGCCTTCTGCGGTCTCCTGCAGCACGGGCGCAGCTCGTACCACCTGCAGCCCCC
 GCCCTGTCTGTGCTGCCCTGCCAGGGGGCCGGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215904 protein sequence
 Red=Cloning site Green=Tags(s)

MASKCLKASFSSGSLKSPGKAGGGSTRVSNMYSSSSCKLPSPSRGARSFVCSAGLGRGNRYRVSSCLPAL
 CLPTGGFATSYGTGGWFEGEILTGNEKETMQSLNDRLASYLEKVRQLEQENASLESRIREWCEQQVPYM
 CPDYQSYFRTMEELQKKTLCskaENARLVVQIDNAKLAADDFRTKYETEVSRLRQLVEADINGLRRILDDL
 TLCKADLEAQVESLKEELLCLKKNHEEEVNSLRCQLGDRLNVEVDAAPPVDLNRVLDEMRCQYETLVENN
 RRDADWYDTQTEELNQVVSSEQLQSCQSDIIELRRTVNSLEIELQAQQSMRDALDSTLAETEGRYSS
 QLAQMCMIGNVESQLGEIRADLERQNQEYQVLLDVRARLECEINTYRGLLESEDSKLPNCPCAPDYSSS
 KSCLPCLPAVSCSTGAARTTCSRPRVPCVPCPGGRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_016880

ORF Size: 1368 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_016880.2](#), [NP_058576.2](#)
RefSeq Size: 1742 bp

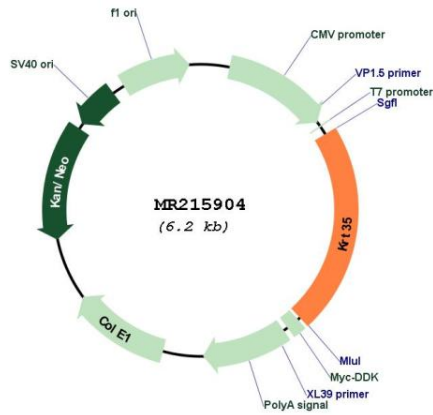
RefSeq ORF: 1368 bp

Locus ID: 53617

UniProt ID: [Q49714](#)

Cytogenetics: 11 D
 MW: 50.5 kDa

Product images:



Circular map for MR215904