

Product datasheet for **MR220637**

Krt80 (NM_028770) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Krt80 (NM_028770) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Krt80 |
| Synonyms: | 1200016G03Rik; 2310041I20Rik; Kb20 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR220637 representing NM_028770
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTACCGCTCCTGCGTCGTTGGCTTCAGCAGCCTCAGCGGCTGTGAGATGACCCCTCGCGGCAGTC
 CCCAGCCTGGGACCTCAGGATGGGGCAGCTGTGGGCTCCCTGGGCTGGCTTCAGCTCTCGAAGCCTCAC
 AAGCTGCAGGCCAGCTGGCACCATCCCCAAGGTGACTGTGAACCCAGCCTGCTGGTGCCTCTGGACCTC
 AAGGTGGATCCAGCTGTTCAACAGCAGAAGAATCAAGAAAAGGAGGAGATGAAGGCTCTCAATGATAAAT
 TTGCTCCCTGATTGGCAAGGTCCAAGCTCTGGAGCAACGCAACCAACTGCTGGAGACCCGATGGAGCTT
 CCTGCAGGGCCAGGGATCAGCCACCTTCGACCTCAGCCACCATTATGAGACATTCAGGGCCGGCTGCAG
 GAGGAGCTTCGTAAGTGAGCCAAGAGCGGGACAGCTGGAGGCCAACCTGTTGCAGGTGTAGAGAAGG
 TGGAGGAGTTTCGCGTCAGGTATGAGGACGAGATCTCAAAGCGCACAGACCTGGAGTTTACCTTTGTCCA
 GCTGAAGAAGGACCTGGATGCTGAGTGTCTCCGAAGAAGTGAACGGAAACCAAACTGAAGGGCCTGCAG
 GGCTTCCTAGAGCTGATGAGAACAGTCTATGAGCAGGAGCTGAAAGACCTTACAGCCCAAGTGAAGGACG
 TGCTGTGACTGTGGCCTGGACAGCCGCTGCCACATCGACCTGAGCGGCATCGTGGAGGAAGTGAAGGC
 CCAGTATGACGCCATCGCTGCTCGAAGCCTGGAGGAGGCTGAAGCATATTCACGGAGCCAGCTTGAGGAG
 CGAGCTGCCCCGCTCAGCGGAGTTCGGGAACAGCCTCCAAGCAGCCGCTGTGAGATTGCAGACCTCAACG
 TGCGCATCCAGAAGTGCAGTCTCAGATCGTCTCCGTCAAGAGCCATTGCCTAAAAGTGGAGGAGAACAT
 CAAGGTGGCTGAGGAGCAAGGAGAACTGGCCTTCCAGGACGCCAAGGACAAGATGGCCAGCTGGAGAAT
 GCCCTGCAGAAGGCCAAGCAGGACATGGCCCGGAGTTGCGCGAGTATCAGGATCTCATGAACACCAAGC
 TGGCTCTGGACATAGAGATAGCCACCTACCACAAGCTGATGGAAGGAGAAGAAAGCCGGATGGACCTGCC
 TTCTGCCACTGTGGTCAGTACTGTGAAATCTGGATGCAGAACCCTGCCTCCAAGTCTGGCCTCACCAAG
 ACCTCCTCCCGGAAGAAGAACCAGCAGAGGCCAGTCAAGATCACTGAGATGTGAGAGAAATATC
 TCTCCAGGAATCAGAGGCCCTCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220637 representing NM_028770
 Red=Cloning site Green=Tags(s)

MAYRSCVVGFFSSLSGCEMTPAGSPQPGTSGWGSGLPGPGFSSRSLTSCRPA GTIPKVTVNPSLLVPLDL
 KVDPVAVQQKNQEKEEMKALNDKFASLIGKVQALEQRNQLLETRWSFLQGQSATFDL SHHYETFQGR LQ
 EELRKVSQERGLLEANLLQVLEKVEEFRVRYEDEISKRTDLEFTFVQLKKDLDAECLRRTELETKLGLQ
 GFLELMRTVYEQELKDLTAQVKDVSVTVGLDSRCHIDL SGIVEEVKAQYDAIAARSL EEAAYSRSQLEE
 RAARSAEFGNSLQSSRCEIADLNVRIQKLR SQIVSVKSHCLKLEENIKVAEEQGELAFQDAKDKMAQLEN
 ALQKAKQDMARQLREYQDL MNTKLALDIEIATYHKLMEGEESRMDLPSATVVSTVKSGCRTTASKSGLTK
 TSSRKKKNRRGPVIKITEMSEKYL SQESEASE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9079_c04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_028770

ORF Size: 1356 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_028770.3](#)

RefSeq Size: 1774 bp

RefSeq ORF: 1359 bp

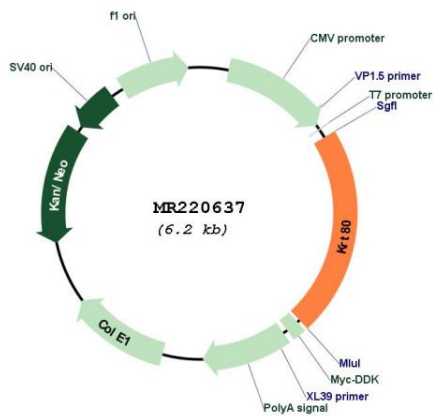
Locus ID: 74127

UniProt ID: [Q0VBK2](#)

Cytogenetics: 15

MW: 50.7 kDa

Product images:



Circular map for MR220637