

Product datasheet for MR211514

Krba1 (NM_133922) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Krba1 (NM_133922) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Krba1 |
| Synonyms: | A930040G15Rik; AI448780 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >MR211514 representing NM_133922 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGGAAAACACGAGACGTTGGTGTCTGTGGGACCTCTGAGCTGCTTCTCTCTGCTTTCTGT
CACCTGCAGAGGCTGGAGGAGCCACATCAGGAGAGGCCACCAGGATAAGGGACAAAAACCCATTGGGA
GCATAGTCCCAGGGAGAGCAGCCTCAGCAGAGCCTACACCTCACCGCATTAGTGCAGCTGGTGAAGGAG
ATTCCAGAGTTCTTGTTGGAGAAGTGAAGGGTACTGAGGACTACTCCGAGAGTGGGAGCACCAGTCTGG
ATGGGGAGCAAACAAGCCCCGAGGTAGCTGTGGTTGTGGAAGCTTGCCCTCCCCGAGGCCTGCTCAATTC
TCTTCCGGAGAGCCCTGCAAGCCACCCAGCCTGGCCACCACCCACAGGCAGCTCAACTTCCGGTGGC
CCTCCTGGAGACTGGGCACACGGAAGCCCTTACCTGCTATAGGAACTGATGATAAGCCATTATCTATAG
AGAAGGAAGGTGTAGGAGCCTCGAGAGAGACCTCCATTCCACTCAAAGCCTGGGCCAGAGCAAAGAG
TTACCTAAGACAGGAGCGAGGCAGCATGGGAACAGGAACCCTTCTGAGAACAGCCCATTGCAAGGCCTC
ATCAACTGTTTGAAGGAGATCCTTGTGCCAGACCCAGCACCAGGGGGACAGCCCAGACTTGCCGCCTT
CTCTCCCTGGCTTGAGTGTGTTGAAGCAGACGAGAGCTGAGGTAGAGGCTGGGAGCCTGCCTGCCCGT
GAAGACAGAGGCAGCATCCGAGATTGTCCCCTCAGGGCCTGCTGAAGTGTCTGAAGGAGATCCCAAAA
GCTCCAGACCGAGTCCCAGCCCCTCAGGAGCATCAGACTTGCAGCTGCAGGAGGCCAGGGAAAAGAG
ATTCTGGAGGGATGAGACACCTCCAGACTCCTCCCACCCTAGTCATGAAGCTGGCAGTATGCTTGCCAC
GGTGAAGGTAGAAGATGGCTGGGCCAGAGTCCCCAGTGCCAGCATCCTGCCAGCTTAGCAGGCAAGGC
TATAGCTCCTATTCCTGAGACAACAGAGAGGTCCGTGTGCCCGCTGGGGCCCCATGACTCTAGCCA
GCAGGGCCTCAAGCTCACCCCTAGAAGCTCTGGAGGCCTGTCTGAAGGGCATCCCTCCAGGTGGGTGATC
ACCTCTTCAGTCACTAGCCATCTCATGGTCCAGAAGTCCCTCAGCTAGGAGATGCCGGTCTCAGAGGTTT
GAGCTACAGCAACAAGGATCTCACAGTGAAGAAGCTACAAGGGAGCCACTTCTGCCTCTGAGCTTGAGG
GCTACATGAGAGAAGGACCTGGGGTTCAACCCTGTGGCTCCAGGGTACCCTACCAGCTTCTCCTCAGC
CAGCAGCAGTGTGGGATCTGGATTTCCAGGAGCCCCAGGAGCAGCCAGGGGCAACGGCTTGGGAAAGGC



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TATCTACCAGGAACTCTCCACTCCAAGGCCTGGAGAACTGCCTGAGAGAGATCCCTATTCCCAGGCCAC
 AGGCTGCCTGGCCATGCTCCTCGGCTGTCAACAGGGGATTGAAGAGAACAGAGCCAGGAACTGGACTGG
 AGACAGAGAAGGACTGAGAGGTGAGGCCTCTGAGCCACCCACCTCAGACAGCGTCTGGAGAAGTGCC
 AGCAGGAGTCTGCATCAAGACAGTCCACAGACCTGACTTCCACCTGCCACCAAGTGACCACCAGGCCAG
 GAAATGGCAATGGCCACAAGAGGAGACAGCCACCATGCCCTCCCCTCTGCACCCGCTGGAGAAGTCTCT
 GAGGGGGATCTTGCCCTGTGAGGCCCTTGCCTTTCACCTGCGTGACTGGCCCTGGCCCCAGTCCCAGCCCT
 TGCTCCAGCTCCAGCTTACAGAGCTCTGATGGAGAAGACCTAAGACCAGAGCCGATTTTGGCAGTCAC
 CCCTCCAGCAGAAAGACCAGCCTCCCTCCTGTAAGGACCCTGTTGCTGTGTGCCCTGTCTCTGGCGCATC
 TCCAAGAGTCAACAGCAATAGCTGTTCTGCGGAAGACCCTGAGAGAACAGAGCCCAGGGACTGCAGCAGC
 CTCAGCGCAGGAAGAGCAGAAGAGAAGCCACCACCCAGAAGAGAAGATGGTGACAGCGCACACGCC
 AGCCTGGGCTGTACCAATGCTGAAGGAAAAGGAGCAGCAGCTGGCCACCCATCGCCTGCCCTCAGCT
 GGAGGAAAAGCCTGAGCCCAAGGTTACTGAAGACTCCAGGGACCTGGAGCCTGGACATAGACCACCCAGT
 GCCGCAGCCAGGCCAAGGGAAGCTGCTCTGGAGACCCTCCGGAGTCACCTAGCAAGTCTCCCCTTC
 CCACAAGTGTCTGTCAAATGGTACCACCTTCTTTCAGCCACCATGCCCTGTGGCAGTCTCTTGCA
 GCAGGAGTGCATAACCTTGGTACTGCCCTCACGGACAAGCTAGACCGGCTTGCAGCAGCCTTGGCAGGC
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 CAAAAGGTCAGGGTTCCTGGCAGTTGGCCCTCCCCAGAGACCTCGCTGGGTCAACAGACTGGGCCACAG
 ACATCTACCCTACTGGAGACAGAAGGGCCCCACAGGCCAGACAAAGATTCTGCGGACCCAGGCAGAA
 GGCTGCAAGACTAGTGACCGCCAGGACTCTCTAGAGGGAAGGGCAGTTTGGTGCCTCAGCTGCCTCCAG
 AGGCTTCTTGGTAGAATCTTCCAGGCCACCTGTAGTTCATCCCAGCAGATCTCTCTACGCTGGAGG
 CCACACTGTGCTGACTGCACACCCTCTCTGGAGCAGCTGCATGCCACCAGAATCCCCTCTCCCCTTCA
 GTGCCTACTTCAGTGCAGTCCCCTTGTGGCCTCACCTGCAACCAGTGCAGACACAGAAGCTCCGGCTG
 CTAGAGTGGCAGCCATCAGCATTCAAACCAGCCCAAGGAACCTGACAGCCTGCTAGGGGAAGCCCTCAG
 CAGAGACCTCTGGGGAGGTGACCACCGGACCCAAGGTGGGGGGCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR211514 representing NM_133922

Red=Cloning site Green=Tags(s)

MRENYETLVSVGTSELLPLSAFLSPAEEAGGATSGESHQDKGQKPHLEHSSQGEQPQQLHLTALVQLVKE
 IPEFLFGEVKGTEDESSEGSTSLDGEQTSPEVAVVVEACPPRGLLNLSLPEPASHPLATPTGSSTSGG
 PPGDWAHGSPLPAIGTDDKPLSIEKEGVGASRETSIHSTQSLGQSKSYLRQERGSMTGTLPENSPLQGL
 INCLKEILVPRPQHRGTAPDLPPSLPGLSVLKQTRAEEVAGSLPCPVKTEAASGDCPLQGLLNCLKEIPK
 APDRRPSPSGASDLQLQEDPGKRHSGGMRHLQTPPHPSHEAGSMLATVKVEDGWAQSPVPASCQLSRQG
 YSSYSTGDNREVRVPRWGPMTLASRASSSLEALEACLKGIIPGGSSPLQSLAISWSRSPQLGDAGSQR
 ELQQQGSHEEATREPLPLSLQGYMREGPGVQPCGSQGTPTSFSSASSSDGDLDFRSPRSSQGRKLGK
 YLPGNSPLQGLENCLREIPIPRQAAWPCSSAVNRGLKRTEPRNWTGDREGLRGEASEPHLRQRPGEVP
 SRSLHQDSPQTCTSTCHQVTRPGTWQWPQEETATMPSPLHRLNLSRGLPVRPLRFTCVTGPSPSP
 CSSSSFSSSDGEDLRPEPAFWQSPLQQKDQPPSCKDPVRLCPVSGASPRVNSNSCSAEDRRETEPRDCSS
 LSAGRAEEKPHPPREDGAERTRQPGVPTNAEGKAAAGHPSPAPQLEEKPEPKGTEDSRDLEPGHRPPS
 AAARTQGLKLLSGDPPSPSKSPLPTTVLSKWSPTSLQPPCPCGRSLQELHNLGTALTDKLDRLAAALAG
 LTQEVAATMKTQMDQLRRHPRSLGPKGQGSWQLALPQRPRWVNRGLGHRHLPYWRQKGPTRPRPKILRTQAE
 GCKTSDRPGLSRGKGSVLPQLPEASLVESSRPTCSSSQISSTPGGHTVLTAHPPLEHTACHQNPSPS
 VPTSVQVPLVASPATSADTEPPAARVAASIPNQPKPDSLLGEALSRLWGGDHRDPRWGAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9037_b02.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_133922

ORF Size: 3129 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_133922.3](#), [NP_598683.3](#)

RefSeq Size: 7005 bp

RefSeq ORF: 3132 bp

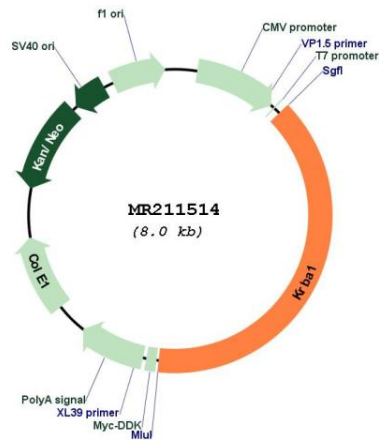
Locus ID: 77827

UniProt ID: [Q6NXZ1](#)

Cytogenetics: 6 B2.3

MW: 111.7 kDa

Product images:



Circular map for MR211514