

Product datasheet for **MR209155**

Kril (NM_145416) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Kril
Synonyms:	MGC29361
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence: >MR209155 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACCTGAAGGACTATGAGAGGAAGGTCACTTTGGAGAAAGGAGGCAATATGTGGACGAGGACAAC
 CTGATGGGAGACCGTTGACCACAGGCTCCAGGAAACATCCACAAAGATTATGTAGAAGAGCAGAAACA
 GCTGAAGGAAAGCTTCCGGGCTTTTGTGGAGGACAGCAGTGACGAGGACAGTGCCGGGGAAGGTGGCTCA
 GGGTTGCTGCAGAAGCACAATAAGAGTCGGGAAGAGAAGGCCAGGAGGAAGTGGACTACCTTGAGTGGC
 TAAAGGGGCAAAAGGACATGGACAGCTCCGAGTCGCTGAAAGAACTGCACACCTGAAGGAATACTGGAA
 CAACCCAGGACTGGACGAGGGGGAACAGTTCTGAGGGATTATATCCTCAACAAACGCTATGAGGAGGAG
 GAGGAGGAAGAGGAGGAAGAGGAGGAGGAAGGGCTCCAGGCCCCAGTCCAGCTGGCAGTGAGCAGACT
 CCTCAGATGAAGGGGAGCTATTCTGAAGAAGCAGGAAGACTTTGAACACAAGTACAACCTCCGCTTTGA
 GGAGCCTGACTCAGCCTCAGTCAAGACATACCCACGAAGCATCGCATCATCTGTGCGCCGCAAGATGAG
 CGCAGGAAGGAGAAGCGAGAAGAGAGCAGGGAGCGGAAGAAGAGGAGGAAGGCCAGGAAGCAGGAGGAGC
 TGAAACAGTTAAAGAACCTAAAGAGGAAGGAGATTCTGGCCAAGCTGGAGAAGCTGCACAGGCCACTGG
 TAACGAGACCTGGGCCTTGAGGAGCAGGACCTGGAGGCTGACTTTGACCCCGCCAGCAGCAGCAGCTC
 ATGCAGAAATGTTTTGGAGATGCCTTCTATGGTACTGCGGAGGAAGAGAAGCCACAGTTTGAGGAAGAGG
 ACGGGCTAGAAGATGACTGGAACCTGGGACATGTGGGTGGACCCGAGCAAGATGGGGCTGGAGCCAACA
 GGAGCTGCACTGTGAGGACCTGACTTTAACATGGATGCAGACTATGACCCAGCCAACACGGAAGAAG
 CTTCTGAGGCCCCACCTCAGGCAAGAGAAAGCGAAGTCTCCATTTGCAGCTGCAGTGGGGCAGGAGA
 AGCCCATGTTTGACCTGGGACAAGACCTTTGAGGAGTACCTAGATGAGTACTACCGTCTGGACTACGA
 GGACATTATCGATGACCTGCCCTGTGTTCAAGTACCGCACTGTGGTGCCTGCGACTTCGGGCTCAGC
 ACAGAGGAGATCCTTTCAGCTGATGACAAGGAAGTGAATCGCTGGTGTTCCTGAAGAAGACCTGCATGT
 ACAGGTTCGGAGCAGGAGGAGATGCAGGAGCAGCGGTGTACAGCCAGAAGGCCAGAACATGTGGAAGAA
 GAGGCAGATCTTCAAGTCTCTGTGCCAGGAAGAGATGGAATGTCCACAGAAGCCACAGGAAGTACAG
 AGCAAGGCCAGCCACAAAGTACAGTTGCCACACCCAATGGAGCTGACCAAGGACACCCAGGCTGAGA
 CCTTAGTATCCAAGGAAGAGGGGTTGGCCACACATCCTGCCAGAGAAGCCAGCATCCAGAAAGCAGAA
 GAGCAAGAAGGCCAGGCTGCTGGGTCCACGGTGACACTTGAGAGTCAAGTTCAGCAGACAGAGATTG
 CAGGCCTTTGGCTCAACCCAAAAGGCTGCACTTCCGCCAGTTAGGCCGCCAACGGAAGAACAGCAGA
 GCCACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209155 protein sequence
 Red=Cloning site Green=Tags(s)

MYLKDYERKIVILEKGGKYVDEDNDSGETVDHRLQETSTKSYVEEQQLKESFRAFVEDSSDEDSAGEGGS
 GLLQKHTKSREEKAQEEVDYLEWLKQKMDSSSLKELTHLKEYWNNPGLDEGEQFLRDYILNKRYEEE
 EEEEEEEEEEGAPPPVQLAVDDSSDEGELFLKKQEDFEHKYNFRFEEDPSASVKTYPRSIASSVRRKDE
 RRKEKREETRERKKREKARKQEELKQLKNLKRKEILAKLEKLQATGNETLGLLEQDLEADFPAQHDQL
 MQKCFGDAFYGTAEKKPQFEEDGLEDDWNWDMWGGPEQDGAWSQQLHCEPDPDFNMDADYDPSQPRKK
 LREAPTSRKRRKSPFAAAGVQEKPMFDPGDKTFEEYLDEYYRLDYEDIIDDLPCRKYRTVVPDFGLS
 TEEILSADDKELNRWCSLKKTCMYRSEQEEMQEQRVYSQKAQNMWKKRQIFKSLCQEEMEMSTEATGKSQ
 SKASPVQLPTPNGADQRTPAETLSKEEGLAHTSCEPKPASQKQSKKARLLGPTVTLLGGHKFSRQRL
 QAFGLNPKRLHFRQLGRQRRKKQSHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145416

ORF Size: 1758 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:

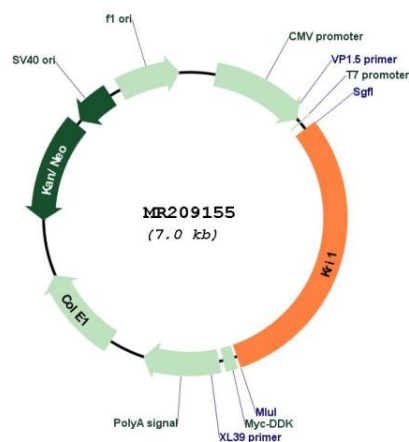
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_145416.3](#)

RefSeq Size:	2625 bp
RefSeq ORF:	2118 bp
Locus ID:	215194
Cytogenetics:	9 A3
MW:	68.5 kDa

Product images:



Circular map for MR209155