

Product datasheet for MR216852

Kir3dl1 (NM_177749) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kir3dl1 (NM_177749) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Kir3dl1
Synonyms: Kirl1; Kirl2; Krl1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216852 representing NM_177749
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCTCTGGTTCCTCAGCCTCGTGTGTTCTGGTTTCTCCTAGTCCAGAGGATGTCAGCACACTTGG
 GAAGCCATGATAAACCATTCTATCTGCCTGGCCAAGTTATGTTGTTCTCTGGGACAGAATGTGACTCT
 TACATGTGACTCTCATAGAGGATCTAACATATTCAGCTGTACAAAGAAGAAGGGTCTCAAACCATCAG
 TTACATGAGACTACATTCAGAAGAGCCAGGTCTTTGGTCTGTGACAACAGAACATGCAGGAACCTACA
 GATGCTTCCATCCTCAATATGCTAATGTATTGTCAGCACATAGTGAGCCTCTGAAAATCATAATTCAGG
 AATCTACATGAAGCCTTCTCTTGTATTCTACAAAGTCCCTGGTGGATACAGGAGGGAATGTGACCCTG
 GAATGTCACTCAGAGAATATGTTTCGATACATACATTTTGAATTCACACAGAATGGGAATAATCAAGAACT
 CTGTCCAAGTTTCTGCAGAACATCATGAAAGTGGGTACATGTCAGCTACTCAATAGGTCCCATGACACC
 TGACCTTGTGGGACTTACACATGCTATGGTGCTAACAGTTACTACCCCTATGAATGGTCAGACTCCAGT
 GACCCCATGACATCAAGATCACAGGTATATAAAGAACTTCTCTGTGAGCCCTGATGGGCCCTGTGC
 TGATGATGTCAGGAGAGACCATGACCCTGTCTTGATCTCTGACCATCAGTTTGACACGTTCCATATGTC
 CAGGGAAGGGGTGCCTCGGGACAGGGGATGCCTGCAGTGCAGAGCCACAGTGGTAAATTCGAGGCAAAA
 TTCCTTTAGTCCAATGATCCAAAAGGGAACATAGATGCTATGGCTTTTCAGGAACGCTTCCCATG
 TGTGGTCTCTCCCAAGTACCCCTGTACCTTCTGCAAAGGAACTGTCTGCATACACAGAAGCAGA
 TACAAAACAAATAACTACAAGAACCTGCACATCTAACTGGGCTCTTAGTAACCATGGTCTTGTGCTC
 ATCATCATCTTTACTCTTGTACTTCTCAAACAGAATAAGTCTCAGAAAACAGCAGCAGCCAGCATGG
 AACAAAGATATGAAGTTAAAAACACAATAAACACACAGGACTTTGAAAGACAAGAAGGACAGGGTTACA
 TACACAGAACTTGAGCAGAGAATCTTCAACCAAACT

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216852 representing NM_177749
 Red=Cloning site Green=Tags(s)

MLLWFLSLVCSGFFLVQRMSAHLGSHDKPFLSAWPSYVVPLGQNVLTCDSHRGSNIFKLYKEEGSPNHQ
 LHETTFQKSQVFGPVTTEHAGTYRCFHPQYANVLSAHSEPLKIIISGIYMKPFLILQSPLVDTGGNVTL
 ECHSENMFDTYILISHRMGIKNSVQVSAEHHESGSHVSYSIGPMPDLVGTYTTCYGANSYYPYEWSDSS
 DPIDIKITGIYKKPSLSALMGPVLMMSGETMTLSCISDHQFDTFHMSREGVPRGQMPAVQSHSGKFEAK
 FLLSPMIQKGNRYCYGSRNASHVWSSPDPLYLPAKGNCPAYTEADTKTNNYKNLHILTGLLVTMVLVY
 IIFYSCYFSKQNKSQKQAAASMEQEYEVKNTINTQDFERQEGQLHTQNLRESSTKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_177749

ORF Size: 1227 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_177749.4, NP_808417.2

RefSeq Size: 1557 bp

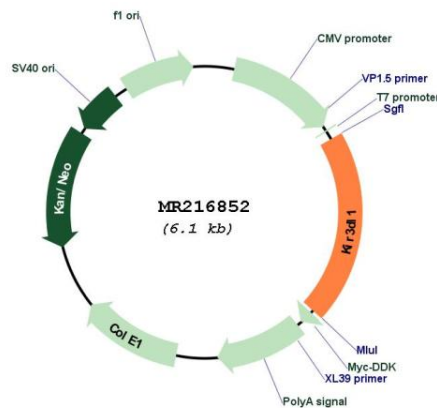
RefSeq ORF: 1230 bp

Locus ID: 245616

Cytogenetics: X 58.77 cM

MW: 46.2 kDa

Product images:



Circular map for MR216852