

Product datasheet for **MR220718**

Kif12 (NM_010616) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif12 (NM_010616) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kif12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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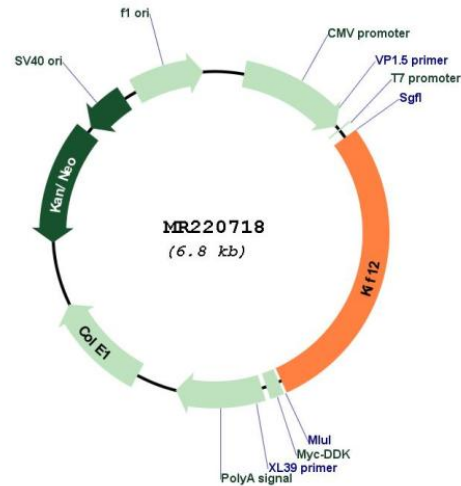
**ORF Nucleotide
Sequence:**

>MR220718 representing NM_010616
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAACGTGGTCTCCCGATGGAGACCCAGCACGGAACCTGGAGCAAGGGCCAGAAGGATCAGAAA
 CTCCCATTCAAGTGGTGCTCAGGGTGCCTCCCATGAGCACAGTGGAGCTGCGTCGAGGGGAGCAGAGTGC
 ATTGCACTGTTCCGGGACCAGGACTCTGCAGGTGAGCCCCGATGTGGCGTTCCGCTTTGGCGCCGTA
 GACGGGGCGCGCACGCAGGAGGACGTGTTAGAGCTTGCAGGTGTAAGCGCCTGGGTGAGCTGGCGCTGC
 GCGGTTTCTCCTGCACGGTCTTACGTTTGGCCAGACTGGTTCTGGGAAGACCTACACTCTGACTGGACC
 TCCTCCGAGGGGAAGGGTGCCTCCCGCCCAAGCCTGGTGGCATCATGCAGAGGACCTTACCTGG
 CTATTAGATCGCGTGCAGCACCTGGATTCCTCCCGTCCACCTCCGAGCTTCTACCTGGAGATCTACAATG
 AGCAGGTTTGGACTTGCTGAGTCTGGGTCTCCACGGCCTCTGCCTGTTAGATGGACCAAGGCACGAGG
 CTTCTATGTGGAACAGCTTCGGGTGGTGGAGTTTGGCAGTCTGGAGGCTTTGATGGAGCTCTGCAGATG
 GGTCTCAGCCGTCGTCGGAGCTCCTCACATACCTTGAACCAAGGCTCCAGCAGAAGCCATGCCCTGCTTA
 CACTCCACATCAGCCGCCAACTTCTCAGCAGGTACCTCCTGTGGACCTTGGGGAGCCCCCTGTTGGAGG
 GAAGCTGTGCTTTGTGGATCTTGACAGCAGTGAGAAAAGTGGCAGCCACAGGATCCCAAGGGCAGCTGATG
 CTTGAGGCCAATAGCATCAACCGCAGCCTATTGGCATTGGGCCACTGCATCTCCCTGCTGTTGGACCCAC
 AGAGGAAGCAGAACCACATTCCTTCCGGGACAGCAAGCTCACCAAGTTGCTGGCAGACTCACTTGGGGG
 CCGTGGGGTACACTCATGGTTGCCTGCGTGTCCCCTTACGCGCAGTGCCTTCTGAGACTCTCAGCACT
 CTGGGATATGCAAGCCGAGCTCAGCGGATCACACCCGGCCACAGGGTCCCAAGTCCCCTGGAGTAAAGC
 CACCCAGCAAGTAGAGAACGAGTTGCTAAGGCTCCAAGAGGAGAATCGTCACCTGCGGTTCCAGCTGGA
 TCAGATGCACACCACGGCACAGGGGCCATGGAGCCCGATGGCCTGGGCCAGAGAAAACCTCTATGGG
 ATGCTGCAGGAGTTTATGCTGGAGAACGAGAGGCTCAGGAAGGAAATGAGACAGCTGAGGAGTAGCCGGG
 ACCTGGCCCGGGCAGAGCAGCGTCTCTGGCCCAACAGGTCCATGATCTGGAGAGGCGCCTCCTTTCGGC
 TTGTCCCCTTCCCAGCAGGGCTCTACCCTGTGTGCTCCTGCAGGATGGTTCCAGCTGCCTCCTGCCAT
 GCACTGCCACCCCTCTGTTACTGCCACCACTTCTGTCTCTGTGCCGAGTGCCCTTGGCCCACTGGACCT
 GCCCAGGAGAGAGTGCCACATGCCACAGGTGCTGGAGCCGAGGCCCCAGGTACATATCTCAGTCTGT
 GTGGCCCCACCCTGGGCACCTCCCAAGCCAGGCTCTGCCAAGCCCCACGAGAGAGGAGCCAGAGT
 GACTGGACCCAGACAGAGTCTGGCAGAGATGCTGATGGGAGAAGAAGTGGTACCTCCGACCCACCCC
 TGTCTGCAGGGCCCTCGAACATGCCATATGGGCTAAGAGGAGGATCTGGGATCCAAACCTGACCCCGAG
 GCTGGAACCCCTCACACAGCAGATCAACAGTCCCTGCACCTCAGCCAGAGACAACCACAGCCTAGCGAG
 GACACACAGAGCCCTGGCCAAGGCCTCTCTTCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_010616

ORF Size: 1926 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_010616.3](#), [NP_034746.1](#)
RefSeq Size: 2250 bp
RefSeq ORF: 1929 bp
Locus ID: 16552
UniProt ID: [Q9D2Z8](#)
Cytogenetics: 4 B3
MW: 71.2 kDa