

Product datasheet for **MC219973**

Kif12 (NM_010616) Mouse Untagged Clone

Product data:

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



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Fully Sequenced ORF: >MC219973 representing NM_010616
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAACGTGGTCTCCCGATGGAGACCCAGCACGGAACCTGGAGCAAGGGCCAGAAGGATCAGAAA
 CTCCCATTCAAGTGGTGTCTCAGGGTGCCTCCCATGAGCACAGTGGAGCTGCGTCGAGGGGAGCAGAGTGC
 ATTGCACTGTTCCGGGACCAGGACTCTGCAGGTGAGCCCCGATGTGGCGTTCCGCTTTGGCGCCGTA
 GACGGGGCGCGCACGCAGGAGGACGTGTTAGAGCTTGCAGTGTGAAGCGCCTGGGTGAGCTGGCGCTGC
 GCGGTTTCTCCTGCACGGTCTTACGTTTGGCCAGACTGGTTCTGGGAAGACCTACACTCTGACTGGACC
 TCCTCCGAGGGGAAGGGGTGCCCGTCCCCCAAGCCTGGTGGCATCATGCAGAGGACCTTACCTGG
 CTATTAGATCGCGTGCAGCACCTGGATTCGCCGTACCCTCCGAGCTTCTACCTGGAGATCTACAATG
 AGCAGGTTTGGGACTTGTGAGTCTGGGTCTCCACGGCCTCTGCCTGTTAGATGGACCAAGGCACGAGG
 CTTCTATGTGGAACAGCTTCGGGTGGTGGAGTTTGGCAGTCTGGAGGCTTTGATGGAGCTCTGCAGATG
 GGTCTCAGCCGTCGTCGGAGCTCCTCACATACCTTGAACCAAGGCTCCAGCAGAAGCCATGCCCTGCTTA
 CACTCCACATCAGCCGCCAACTTCTCAGCAGGTACCTCCTGTGGACCTTGGGGAGCCCCCTGTTGGAGG
 GAAGCTGTGCTTTGTGGATCTTGCAGGCAGTGAGAAAGTGGCAGCCACAGGATCCCAAGGGCAGCTGATG
 CTTGAGGCCAATAGCATCAACCGCAGCCTATTGGCATTGGGCCACTGCATCTCCCTGCTGTTGGACCCAC
 AGAGGAAGCAGAACACATTCCCTTCCGGGACAGCAAGCTCACCAAGTTGCTGGCAGACTCACTTGGGGG
 CCGTGGGGTACACTCATGGTTGCCTGCGTGTCCCCTTACGCGCAGTGCCTTCTGAGACTCTCAGCACT
 CTGGCATATGCAAGCCGAGCTCAGCGGATCACACCCGGCCACAGGGTCCCAAGTCCCCTGGAGTAAAGC
 CACCCGCAAGTAGAGAACGAGTTGCTAAGGCTCCAAGAGGAGAATCGTACACTGCGGTTCCAGCTGGA
 TCAGATGCACACCACGGCACAGGGGCCATGGAGCCCGATGGCCTGGGCCAGAGAAACCTCTATGGG
 ATGCTGCAGGAGTTTATGCTGGAGAACGAGAGGCTCAGGAAGGAAATGAGACAGCTGAGGAGTAGCCGGG
 ACCTGGCCCGGGCAGAGCAGCGTGTCTGGCCCAACAGGTCCATGATCTGGAGAGGCGCCTCCTTTCGGC
 TTGTCCCCTTCCCAGCAGGGCTCTACCCTGTGTGCTCCTGCAGGATGGTTCCAGCTGCCTCCTGCCAT
 GCACTGCCACCCCTCTGTACTGCCACCACTTCTGTCTCTGTGCCGAGTGCCCTTGGCCCACTGGACCT
 GCCCAGGAGAGAGTGCCACATGCCACAGGTGCTGGAGCCGAGGCCCCAGGTCACATATCTCAGTCTGT
 GTGGCCCCACCCTGGGCACCTCCACCAAGCCCAGGCTCTGCCAAGCCCCACGAGAGAGGAGCCAGAGT
 GACTGGACCCAGACAGAGTCTGGCAGAGATGCTGATGGGAGAAGAAGTGGTACCCTCCGACCCACCCC
 TGTCTGCAGGGCCCTCGAACATGCCATATGGGCTAAGAGGAGGATCTGGGATTCCAAACCTGACCCCGAG
 GCTGGAACCCCTCACACAGCAGATCAACAGTCCCTGCACCTCAGCCAGAGACAACCACAGCCTAGCGAG
 GACACACAGAGCCCTGGCCAAGGCCTCTCTTTGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_010616
- Insert Size:** 1929 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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: 2275 bp

RefSeq ORF: 1929 bp

Locus ID: 16552

UniProt ID: [Q9D2Z8](#)

Cytogenetics: 4 B3