

Product datasheet for MC224300

Kif7 (NM_010626) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif7 (NM_010626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif7
Synonyms:	MGC176006
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224300 representing NM_010626 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCTGGAGGCCAGAGGCTGCCTGGGGCTGAGGAGGCCCGTGAGGGTGGCCCTTCGAGTTCGCC
CATTGCTGCCAAGGAGCTGCTGCATGGTCATCAGAGTTGCTGCGTGTGGAGCCTGAGCGGGTCAAT
CACCTGGGGCGGACCGACACTTTGGGTTCCATGTGGTCTGGGAGAGGACACTGGGCAAGAGGCTGTG
TACCAGGCTTGCCTGCAGCCCTCCTCGAGGCTTCTTTGAGGGTCAATGCCACCGTCTTTGCCTATG
GTCAGACAGGCTCTGGGAAGACATACCATGGGGAGGCCAGTGTGGCCTCCCTGCATGAAGATGAACA
AGGTATCATCCCAAGGGCCATGGCTGAGGCCTCAAGCTCATTGATGAGAATGACCTGCTGGACTGCCTG
GTGCATGTATCCTACCTGGAACCTACAAGGAAGATTCCGAGATCTGCTAGAAGTTGGCACTGCCAGCC
GGGACATCCAGCTTCGGGAAGATGATCGGGAAATGTTGTGCTCTGTGGGGTAAAGAAGTGGATGTAGA
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AACCGCTCTCCAGCCGCTCACACACAGTCTTCACTGTGACCTGGAGCAGCGGGGACGGACTCCTAGCC
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GAGGGTTCTGAAGACCGGCAGCACCGGAGAACGGCTCAAAGAGAGCATCCAGATTAACAGCACCCCTGCTG
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CCAAGATCACCCGGATCCTCAAAGACTCTCTGGGAGGGAATGCCAAGACAGTGATGATCGCCTGCGTCAG
CCCCTCCTCCTCCGACTTCGATGAGACCCTCAACACCCTAAACTACGCCAGCCGTGCTCAGAATCCGC
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TCCAGCCGAGGACCAGGCGGCACAGGGACCAGCGGGAGAAAGGAGATGAGGGGACCCAGCAGCTGTTG
ACCCTGCAGAGCCAGGTGGCCCGCTAGAGGAGGAGAATCGAGATTTCTGGCGCTTTGGAGGACGCCA



TGGAGCAGTACAACTGCAGAGTGACCGCCTGCGGGAGCAGCAGGAAGAGATGGTAGAAGTGC GGCTACG
 CCTAGAGCTGGCAGACGCTGGCTGGGGTGCACCGGGGCTCCTGCAGGGCTTGCCACCGGGATCCTTTGTG
 CCCC GGCTCACACAGCCCCCTGGGGGTGCCACACTACATGCTGGGCATGATGCCCTCGACATGTC
 TTCCTGGAGAAGAAGTTAGCTCTGAGCAGCAGGTGGTGGTGGCAAGGAAGTCAAAGCAGAGGTGTTGGC
 CCAGGCGGACAAATTGAGGAGTGCCTCTTCCACTACATCAGAGGAGGAAGGGGAGGAGGAGGAAGAG
 GAGGAAGAAGAAGAGGAGCCACCCAGGCGGACCTTATACTTGCGCAGAAATGGGATCAGCAACTGGAGTC
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 CAGATCGAGGAGCAGAAGAAGTGGCTGGACCAGGAGATGGAAAAGGTGCTGCAGCAGCGCGGGCGCTGG
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 GACGGGGCTTGAGAGCAAGCGCTGAGGTCCAGCCAGGCCCTAAATGAAGACATTGTGCGTGTGTCCAGC
 CGCCTAGAACACCTGGAGAAGGAGCTATCTGAGAAGAGTGGGCAGCTGCGGCAAGGCAGCGCCAGAAC
 AGCAGCAGATCAGAGGGGAGATAGACACCCTGCCCAAGAGAAGGACTCACTGTTGAAGCAACGCCTGGA
 GATTGATAGCAAGCTGAGGCAGGAAGCCTGCTGTCACCTGAGGAAGAGAGGACTGTTCCAGCTGGAT
 GAAGCCATCGAGGCCCTGGACGCTGCCATCGAGTACAAGAATGAGGCTATCACATGCCGCCAGCGGGTGC
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 CTCAGAGACCAGAGCCCTGCTGTGCAAGTATTTTGACAAGGTGGTGAAGTCCGAGAGGAGCAACACCAG
 CAACAGATTGCCTTCTCGGAGCTGGAGATGCAGCTGGAGGAGCAGCAGCGGCTGGTGTACTGGCTGGAGG
 TGGCCCTGGAGCGGCAGCGCTGGAGATGGACCGGAGCTGACCTGCAGCAGAAGGAGCAGCAGCAGAA
 TGTACAGCTGCTCCTCCAGCAGGGCCGAGACCACCTTGGCAGGGGTTAGCAGACAGCAAGAGGCAGTAT
 GAGGCCCGGATTACGCTCTGGAGAAGGAACTAGGTCGACACATGTGGATAAACCAGGAGCTGAAGCAGA
 AGCTCAGTGCAGGAAGCACTGCAGGCCAGAGCCGGGGTTGTGAGAGGAGAAGCCTCTGCCTGAAAAACAG
 ACAATGCCTTGGAAATGAAGATGGGCTCCATCCCAGCAGCTCCTGAACCTCTCTGGCAGTCCCTCCTCTG
 GAGGGGTGTCCCGTGTGTGGATGAGTCCCGGACTTGGTCCATGCCCACTACCCCTGACATGAAAAAC
 GCTCAAGCTTGTGCAGCGAGCAGGGCTCCTCTGAGGAGTCTAGGGTCCGGGAGACAACTGAACCCCACT
 AGGGCGGGTGCTACCTATGGGTGAAGTGGGCTCCTCTGGAACCTTGGACCCTTGCCCAAGCCCCGGTGG
 GAACCCGAAGAACCAGCCAGGGATGATCGACGTCAGGAAAAACCCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_010626

Insert Size:

4044 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_010626.3, NP_034756.2

RefSeq Size: 4522 bp

RefSeq ORF: 4044 bp

Locus ID: 16576

Cytogenetics: 7 D2