

Product datasheet for MR231780

Kif7 (NM_001291222) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif7 (NM_001291222) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kif7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR231780 representing NM_001291222 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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ATGGGGCTGGAGGCCAGAGGCTGCCTGGGGCTGAGGAGGCCCCCGTGAGGGTGGCCCTTCGAGTTCGCC
CATTGCTGCCAAGGAGCTGCTGCATGGTCATCAGAGTTGCCGTGTGGAGCCTGAGCGGGTTCGAAT
CACCTGGGGCGGGACCGACACTTTGGGTTCCATGTGGTCTGGGAGAGGACACTGGGCAAGAGGCTGTG
TACCAGGCTTGCCTGCAGCCCCCTCTCGAGGCTTTCTTTGAGGGTTCAATGCCACCGTCTTTGCATG
GTCCAGAGGCTCTGGGAAGACATATACCATGGGGGAGGCCAGTGTGCCCTCCCTGCATGAAGATGAACA
AGGTATCATCCCAAGGGCCATGGCTGAGGCCTTCAAGCTCATTGATGAGAATGACCTGCTGGACTGCCTG
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CCTAGAGCTGGCACAGCCTGGCTGGGGTGCACCGGGGCTCCTGCAGGGCTTGCCACCGGGATCCTTTGTG
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Protein Sequence: >MR231780 representing NM_001291222
 Red=Cloning site Green=Tags(s)

MGLEAQRLPGAEAPVVRVALRVRPLLPKELLHGHSCLRVPERGRITLGRDRHFGFHVVLGEDTGQEA
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Restriction Sites:

SgfI-MluI

Cloning Scheme:

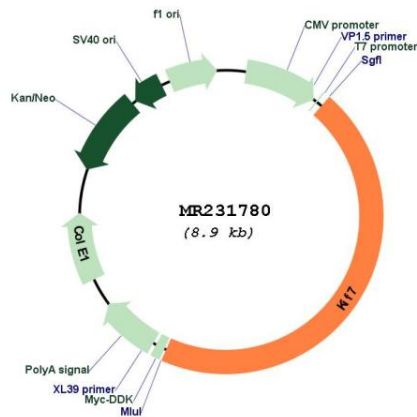


ACCN: NM_001291222

ORF Size: 4044 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_001291222.2](#)
- RefSeq Size:** 4525 bp
- RefSeq ORF:** 4047 bp
- Locus ID:** 16576
- Cytogenetics:** 7 D2
- MW:** 152.1 kDa

Product images:



Circular map for MR231780