

Product datasheet for MC223316

Kif17 (NM_010623) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kif17 (NM_010623) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kif17
Synonyms:	5930435E01Rik; AW492270; Kif17b; mKIAA1405
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223316 representing NM_010623 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCGGAGTCAGTGAAAGTGGTCGTGCGCTGCCACCCATGAACAAGCGCGAGCGGAGCTGAGCT
GCCAGTCGGTGGTACGGTGGACAGTGCAGCGGCCAATGCTTCATTAGAACCCGGGAGCGCGGACGA
ACCCCAAAGCAGTTCACCTTCGATGGCGCTACTACATAGAACACTTCACCGAGCAGATCTACAACGAG
ATCGCCTACCCGCTGGTGGAGGGTGTACCGAAGGCTACAATGGGACATTTTTGCCTATGGCCAGACAG
GCAGTGGGAAGTCTTCCACCATGCAGGGACTGCCAGATCCCCCTGCCAGAGGGGCATCATTCCCAGAGC
CTTCGAGCACGTGTTGAGAGCGTTCAGTGTGCAGAGAACACCAAGTTCCTAGTGCGGGCTCCTATCTG
GAGATCTACAACGAAGATGTCCATGACCTGCTGGGCGCTGACACCAAGCAGAGGCTTGAGCTGAAGGAGC
ATCCCAGAAAGGAGTGTATGTCAAGGGGCTGTCCATGCACACGGTACACAACGTGGCCAGTGCAGCG
CGTCATGGAGACCGGCTGGAAGAACCGTGCAGTGGCTACACCCTGATGAATAAGGACTCCTCCCGTTCC
CACTCCATCTTTACCATCAACATCGAGATCTATGCCGTGGATGAACGGGGTAAGGACCATCTTCGTGCAG
GCAAGCTCAACCTGGTAGACCTGGCCGGCAGTGCAGCGCAATCCAAGACTGGGGCCACAGGGGAAAGGCT
GAAGGAGGCCACCAAAATTAACCTGTACTGTCCGGCTGGGCAACGTCATCTCGGCACTGGTGGATGGG
CGCTGCAAGCATTCTTACCGGACTCGAAGCTGACCCGACTGCTTCAGGACTACTGGTGGCAACA
CCAAGACTCTGATGGTGGCTTGCCTGTCTCCCGCAGACAACAATTACGATGAGACCCTCAGTACGCTGCG
CTATGCTAACAGGGCCAAGAATCAAGAACAAGCCACGCATTAATGAAGACCCCAAGGATGCCCTGCTT
CGAGAGTACCAGGAAGAGATCAAGAGGCTAAAGGCTATCCTCGCCAGCAGATGGGCCCTGGCAACCTGT
CAGCCCTGCTGTCCACTCAGACACCCCCAGGCCAGTCCAGTCTGAGGAGAAGCTGCTGTCCCAACTAC
TGTCCAGCAGGACACGGAGGCTGAGAAGCAGTTGATCCGAGAGGAGTATGAGGAGCGCTGGCCCGCTG
AAGGCTGACTACGAGGCAGAGCAAGAGTCTCGGGTCCGGTGCAGGAGGACATTACTGCCATGCGTAACT
CGTATGACGTGAAGCTGTCCACTGCAGGAGAATCTGCGCAAGGAGAAGGAGACAGAGGCCATTCTCAA
GGCGGAAGTCTGTGTAAGACGGAGTGTCCAGGGCCGAGTTAGCCAGCGGGCCGAGTACTCACCT



[View online »](#)

CCTTTGCAGTATGAGACTGCGGTGAAGCCACCATCCTCTCCATGCCCGACATGCCACCCAGTGGCAAGG
 TCACCAAGAGCCAAGCGCCCTCGCTTTTCGAGGAACCACACGGGGAGACCTCCAGGTCCGAGTTTCCTT
 TGAGTCCAATGAGTGTTCCACTCTCGAAGACTCTGCCACATCAGAGGCCCTCCCTGGGCCAGAGGAGTTT
 TCCAACATGGAGTTTCCATGGCTGCGGCACTGACCGAGAGCAGGTACCTTCTGAGGAGTATCTCGGCG
 GCCAGGAGGCTGCTGCATCTCCGCTGGAGGCAGAGCGCTATGTCCAGGAGAACGAGCCATCGCTGGAGCC
 CCTGCGGATACTGGCAAGCCTGCAGGATCCTTTTGTGAAGTGGAGGCCAAGCTGGCCAGACTGTCTCT
 ACTGTGGCCATGTCGGACTCATCCAGACCGTCTCCCCAGATCCCTAAGCAGCCATCCTCGGCTGACC
 TGCTGGAGCCCAGCGACACCAAGTCAGAAGCTGATGTGGCTGTGGCTGACAACTCGTCCCTCGGGACTGA
 GCCTGATGTAACCTGAGAGTGGCTGAGGAGGTGGTTTCTGAGGCAGAGACTGGCGTGTGGATGGAGTCT
 GAAGCCCAGGTGGCCATGTGGCCAGGTGTCTGAGGAGGCCAGCCTCAGCCCTTGTGGCCATGGTGA
 GCGTGAGGAGGAAAAGTGTGGGTGTAGAAGTGGCTGTGTTGACGGAGGAGGAGCTGCAGCCTGTGGATCA
 ACAGCAGGTGCTGGCCCGCTTGCAGTTGCTGGAGCAGCAGGTGGTGGGGGGCAGCAGGCTAAAAACAAG
 GACCTGAGGGAGAAGCACAAGCGCGGAAGCGGTACGCAGATGAGCGCAAGAAGCAGCTGGTGGCCGCAC
 TGCAGAACTCGGATGAGGATGGCGGGGACTGGGTGCTGCTCAACGTCTATGACTCTATCCAGGAGGAAGT
 GAGGGCCAAGAGCAAGCTGCTGGAGAAGATGCAGAGGAAGCTCCGGGCAGCAGAGGTAGAAATCAAGGAC
 CTGCAGTCAGAGTTCCAGCTGGAGAAGATTGATTACCTGGCAACCATCCGCCGGCAGGAGCGGGACTCCA
 TGCTCTTCCAGCAACTCCTGGAGCAGGTGCAGCCTCTCATCCGCAGAGACTGTAACATATAGCAACCTGGA
 GAAGATCAGGCGAGAGTCGAGCTGGGATGAGGATAATGGCTTCTGGAAGATCCCAGATCCCATCATACTG
 AAAACCAGCCTCCCAGTAGTTCCAACCTGGGACACAGAACAAGCCAGCTCGAAAAACCTCTGCAGTAGACA
 GTGGGGAGCCACACATGCAGGAGGAAGCAGGTATAAGCTGATGCTCAGCCGAAGCGACAGTGAGAATAT
 CGCTAGCAACTACTTCCGCTCCAAGCGGGCCAGCCAGATCCTCAGCACGGACCCCATGAAGAGCCTCACA
 TATCACAACCTACCACCGGGGCTAAATTCCTCTCTGAGCAACAACCTCTGCCTTCCCGCCACCCAGACCC
 CGGAAATGCCCCAGCCCCGGCCCTTCCGCCTAGAGTCCCTTGACATCCCCTTCTCAAAGCCAAGCGTAA
 AAAAAGCAAAAACAGCTTCGGTGGTGGCCTCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1479_a03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_010623

Insert Size: 3117 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_010623.4](#), [NP_034753.1](#)

RefSeq Size: 3915 bp

RefSeq ORF: 3117 bp

Locus ID: 16559

UniProt ID: [Q99PW8](#)

Cytogenetics: 4 D3

Gene Summary: Transports vesicles containing N-methyl-D-aspartate (NMDA) receptor 2B along microtubules. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.