

## Product datasheet for **MC229650**

### Kif1a (NM\_001294149) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kif1a (NM\_001294149) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Kif1a  
**Synonyms:** ATSV; C630002N23Rik; Gm1626; Kns1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC229650 representing NM\_001294149  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCGGGGCCTCTGTGAAGGTGGCGGTGCGTGTCCGCCCTTCAACTCCCGGAAATGAGCCGAGACT  
CCAAGTGCATCATTAGATGTCTGGAAGCACCACCATTGTCAACCCAAACAGCCCAAGGAGACACC  
CAAGAGCTTCAGCTTTGATTACTCTACTGGTCACATACCTCGCCGGAGGACATCAACTATGCCTCTCAG  
AAGCAGGTCTACAGGGACATTGGGGAAGAGATGCTACAGCATGCCTTTGAGGGCTACAATGTGTGCATCT  
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CATCATTCCACAGCTCTGCGAAGACCTCTTCTCTCGAATCAACGACACCACCAACGACAACATGTCTTAC  
TCTGTGGAGGTACAGTACATGGAGATTTACTGTGAGCGAGTCCGTGACCTCCTGAACCCCAAGAACAAG  
GCAACCTGCGTGTGAGGGAGCACCTCTGCTGGGGCCTTATGTGGAGGACCTCTCCAAGCTGGCTGTAAC  
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AATGAGACCAGCAGCCGTTCTCACGCAGTCTTCAACATCATCTTTACCCAGAAGCGCCATGATGCAGAGA  
CCAACATCACCACAGAGAAAGTGAGCAAAATCAGCCTGGTGGACCTGGCAGGCAGTGAACGACCCGACTC  
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GCCAAACAATCCGCTGCAATGCCATCATCAATGAAGACCCCAACAACAAGCTGATTAGAGAAGTGAAGG  
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CTTGCTGGCTGAGATGGGTGTGGCCATGAGGGAAGATGGTGGTACCTTGGGTGTGTTTTCTCCAAAAAG  
ACTCCTCATCTTGTCAACCTGAATGAGGACCCTTTGATGTCCGAATGCCTCTTTACTACATCAAAGATG



GCGTCACCAGAGTGGGCAGAGAAGATGCAGAGAGGCGGCAAGACATTGTCTGAGTGGACACTTCATCAA  
 AGAGGAGCACTGCATCTCCGGAGTGACTCCCAGGAGGCGGAGAAGCTGTGGTGACCCTGGAGCCCTGT  
 GAAGGAGCAGACACATATGTCAACGGCAAGAAAGTCACTGAGCCCAGCATCCTACGGTCAGGAAACCGCA  
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 ACCTTGTGCAGAGACACCTGCTGAGCCAGTGGACTGGCCTTTGCCAGCGGGAAGTCTGGAGAAGCAA  
 GGCATTGACATGAAGCAGGAGATGGAGCAGAGGCTCCAGGAGTTGGAGGACCAGTACCGGAGGGAGCGGG  
 AGGAGGCCACATACCTTCTGGAGCAGCAGAGGCTGGACTATGAGAGTAAGCTGGAGGCCCTACAGAAACA  
 GATGGACTCCAGTACTACCCAGAGGTGAACGAGGAGGAAGAAGGCCAGAGGATGAAGTCCAATGGACA  
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 AAGCCAATGGCGATTACATCCCTGCTGTGGTGGACCACCGTGGTGGCATGCCGTGCATGGGGACTTCTCT  
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 CCAACATCTTGTCCCTCAACATCTCTCATCAGGATACGTCATCCAGCCAGGATGACCGGCAGTTTCT  
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 CGCCTCACGCTCCATTCCCAACCTGTTTGGCAGTGGCAGCCTGCGGGCCACAGAAGGCAACCGTGTGACT  
 GGTGTGTATGAGCTCAGCCTTGGCACGTGGCCAGCAGGCAGCCAGGGATGCAGCGTCCGGCCCGGC  
 GGGTGTGGACACATCAGTAGCCTATGTCCGGGTGAGGAGAACCTGGCTGGCTGGAGGCCCCGAAGTGA  
 CAGCCTGATCCTAGATCACCAGTGGAACTGGAGAACTGAGCCTTACAGGAGGTGAAAAAGACCAGG  
 CACTACCTGCTCCTTCCGGAGAAGCTGGAGACGACCCAGCGCCTGGCCCTGAGGTGCTGTCCCCAGCCT  
 CCAGTGAGGACTCTGAGTCCCGTAGTTCTTCCAGTGCCTTCCCATTTGTCAGCCGAGGGTTCAGCCGTC  
 ACCTCTGGAGGCTCCCAACGAGAGGCGAGAGGGAGCTGGCTGTCAAGTGCTTACGACTCCTCATGCACACA  
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 TCACCCTGATGCGGGACCCATCCATGTCCCTCTGGGTGCTGCTACACTACTCCCTCCTCACTTGCCC  
 CTCTCTGATCGAAGGACGATACGGTGCCACTGACGTGAGGACCCCCAGCCCTGCTCCCGGCCCGCCAGC  
 CCAGAGCCCGAGCTCCTGCCAGAACTTGACTCTAAGAAGACTCCCTCCCTGTTCCGGCAACAGAGACAG  
 AGAAGGAGCCCCAGGACTGCTGGTCCCTGACATCCAAGAGATCCGAGTCCAGCCAACTGCTCCAAGAA  
 GGGATACCTGCATTTCTGGAGCCACACACGGCTGGCTGGCCAAAGCGCTTGTGGTGGTGAAGCGTCCC  
 TACGCCTACATGTACAACAGTGACAAGGACACGGTGGAGAGATTTGTGCTCAACCTCTCCACTGCGCAGG  
 TGGAGTACAGCGAGGACCAGCAGCCATGCTCAAGACACCCAACACATTGCTGTGTGCACGGAGCACCG  
 AGGCATCTGCTGCAGGCCAACAGTGACAAGGACATGCACGACTGGCTGTATGCCTTCAACCCGCTCCTG  
 GCTGGGACCATCCGGTCCAAGCTCTCTCGAAGGAGATCTGCGCAGATGCGGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001294149
<b>Insert Size:</b>	5097 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001294149.1, NP_001281078.1</u>
<b>RefSeq Size:</b>	8270 bp
<b>RefSeq ORF:</b>	5097 bp
<b>Locus ID:</b>	16560
<b>Cytogenetics:</b>	1 D