

## Product datasheet for **MC229139**

### **C77080 (NM\_001285867) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C77080 (NM_001285867) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C77080
Synonyms:	Kiaa1522; mKIAA1522
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC229139 representing NM\_001285867  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACGGAGAGCTCCACCGGGAGGATGCGCTCTCCGTCGCTCGGAGATGATTACGCGCAGAGGCTCCA  
 CCTTCAGACCCCATGACTCATTTCCTCCAAATCTGGGAAGTCAGGAAGGCGACGGAGGGAGCGAAGGAGCAC  
 GGTGCTGGGGCTGCCTCAGCACGTGCAGAAGGAGCTCGGCCTGCGGAACAACCGTGAGGCACCGGGCACT  
 CCACAGCCTCCTGGTTCACGGGACGCTGTCCGCATCCCCACGGTGGATGGTCGCCCGGTCTGGCCTTAG  
 GGACAGGGGTCCGAGTGTCCCTGCAGGCTCTGGAAGCAGAAACAGAGGCCGGCACAGATGCAGAGGCTGT  
 CATCCAGCGCCACATCGACCGTGTTCACACGATGACACGCTTGTGGCCGATCCACGGGAGCCCGGCCA  
 CCGCCACTGACGAGGCCAATGTCTCTCGCAGTGCCTGGACTGACAGGAGGAGCAGGATCTCCAGAGCCAC  
 TGAGCCACGCCATGTCAATCTCACCCAGGCCACCTACTTGTGCAAGCTGATCCCGCACGCCGTGCTGCC  
 GCCACCGTGGATGTGGTGGCCCTGGGCGCAGCAGCCTGCGCACTCTGAGCCGTTGAGCCTGCTCTCT  
 GCCAGCCAGCTTCGGTTCGCTCCCTGGGCCGCTTCTCCTCGGCTTCAGTCCACGGCCCGCAGCCGCA  
 ACGCTTCCTCGTCCAGTGACAACCTGGAGCCACTCTCAGTCTCCGAGACCATTGTGTCTGATGGTCCAC  
 TCTTCTCTAAGGGGGGCTCTGAGGGCCAGCCAGAAGGCTCTGTAGTAGCAATAATGTGGCGCCCTT  
 CCTCCAGGCGGTAGTGGGCGGGCTCCCCAGCGGGGTAGCACTGCGGAGACCTCAGACACGGCCAGCA  
 TCCGAAGCAGTGGGACGCTGTCTGGCAGGAGTGTCCCTGCGTAAGATGAAACGGCCTCCCCGGCTCC  
 CCGCCGGACCTACTCCCTCCATCAGCGCGGCTCCGAGTGCCTGATGGGCCCTTAGGGTTGCCGCCAAA  
 CCTGAGCGAAAGCAGCAGCCACAGTGCCTCGGCCGCCACTGCGGGTGGCTCTCAGGGTGGGGCGAG  
 TATCTTGTCCACCCAGCTCAGCAGGACCTGGGCTCTGGCTTGTCCCCAGGTGGCTCCAGCGTCCCCC  
 AGGTTCCCGAGAACGGACACTTTACCTTCAAGTGGCTACTCGAGCCAGAGCGGTACCCCAACTCTCCCT  
 CCCAAGGGTCTGGCAGTTGCCCTGCTTCCCCAGGCAAGGCTCAGCCCCCAACCAGATCGAGTGACAT  
 CCCTTCGATCTCCTGGGGCTCTGTATCCTCTTCCCTTACATCTCTGTGTCTCTTCTTCCAGACCTAC  
 TCCTTTAGACCGCTCTGGCCACAAATGTCTACCCCTTGAAGTGCAGGTTCTGCATACCTCCTCATCCC  
 AAGGTGCCTGCTCTTCTCTCCACCACCTTCCAAGTCCAAGAGCTCGAACCAAGCTGCTCTGTCTGG  
 CTGCCCTGCTGTGGCTCCTGGGAGGTGTCCACCATCGACACCAGTCTGCATCCCTTCCATGCCCA  
 GACAACCTTGACTCCAGCCAGGAGTCTCTGTGCTCCAAAGATGAGTCAACCCACCATCCCCACCC  
 CCATCTTACCATCCACCCACACCTACTAAGAAGCCGGAGGTGCTGGAGGAGGCCACCTCCTCCGG  
 AAGCTGCTGTGGAGATCCTTCCAGATCCCAGCTGGCCGCCGCCACCACCTGCACCTGAGGAACAGGA  
 CCTGTGATGGCTGACTCCCCCTCCTGAGGAGGTCTTCTTCAATGCAGGCCCTGAGCTTGGCCCTCTG  
 GAGTCTCGAGCTCTGAGGCTGCCGTCCCCCAGCTGCTAGCTTGTCCCAGACTCCTCCGCCAGCTCCAC  
 CTCCTAGTTCTGGATCAGAACCTCTGGCCAGGCTCCCACAGAAGGACTCAGTGGGCAAGCACAGCGGGC  
 TCCCAGGGAGGATTCCGGCACGCCTCTGGTACACCCCTCGCTCCTGCAGATGGTCCGGCTTCGCTCTGTG  
 GGTGCTTCCACAGGATTCCGAACCTTCTCCGGTTCATCGGCCCTCAGAAGCCTCTGCGAAGAGCCC  
 TGTCTGGGCGCCAGCCAGTACTGCTCCCTCCTCTGGGCTCCATGCTGCCGTCGACTCAAGGCCTC  
 TAGCCTGGCTGCCAGTGAGAGTCTGCGAGTGTCTGCCACTGGAATACCCGAGGCAGAGCCACGGTCCG  
 CCACAGTCTCCTGCCTCCAAGGCCAGTTCATCTTCTCCAAGGGCACAAAAAACTGCAGCTGGAGAGGC  
 CCGTGTCCCCGAGGCCAGGCTGACCTCCAGCGGAATCTGGTGGCTGAACTTCGAGCATTTCCAGAGCA  
 TCGCCACCTCCCCAGGCCAGAGAAGCCTTCCAAGGCTCCCCACAGTGGCCGCAACCCTCAGTG  
 GGAGTCCCTCCTCCGTCCTCCAGTCTTCCAGGACGGAGTCTTACTGCTCCATCCACCAATGGGCTCC  
 CTCACGCTGAGGACAGGACTAACGGGAGCTGGCGGAGAATGGAGGTGTGCAGCTGGCTGTACAGAGAA  
 GATGGGCTCCCTGGTTCAGATCCACAGAAGAACTGGT**CTGA**

**ACGGT**ACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001285867

<b>Insert Size:</b>	2703 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><a href="#">NM_001285867.1</a></u> , <u><a href="#">NP_001272796.1</a></u>
<b>RefSeq Size:</b>	4955 bp
<b>RefSeq ORF:</b>	2703 bp
<b>Locus ID:</b>	97130
<b>UniProt ID:</b>	<u><a href="#">A2A7S8</a></u>
<b>Cytogenetics:</b>	4 D2.2