

## Product datasheet for MC229318

### 4932416K20Rik (NM\_001002775) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	4932416K20Rik (NM_001002775) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4932416K20Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229318 representing NM_001002775 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGTCGCGCAGCAACTGCCCTAAAGGAGAAAGTTCCTTGCAGCTTAAGTACTAGTGCACACCTACATCC  
AGCTGGATCGGGATTACACTCTACACATCCAGTGGCCCTGGAGAAGCTGCCCTGCCTGGCCAGCATCA  
TCCGGTTGCTACAGCCAAGGTGAATCTGCCTGTGCAGCGAATCCACCTTCAGTGTTCCTCCCTGCCCACT  
GGTCTCTACGCCATCCCCAACAGGCAGAACAACTTCAAGATGTTCTGTCCCTCCCGAACCATGAAAAATCC  
CTCCTCTAGGGACAAATCCTTCTTTCCCACTTCTGTCCAGCCTGGGTGGTTCAGGCTGAAGAAGTCT  
GACATTGGACCACCGGTCTCTTCTTTCTCAAAGGAACTGAGGCAAAAGTCAAAGAAGTAAAAACAGG  
AGGAGTGAAGAGAAGGGGAAGGGGAAAAAGAGGAGGGAGAGGAAGAGGAGGAAGAGAAGGAAGTAAAAAC  
AGCAGCAGGAGGAACAGGTGGAGGATGAAAACTGGAGGAGGAGGAAGAAGATGAAGAGGAGGAGGGAGA  
GGAGGAGGAAGAGGAGGAAGAGAAGGGAGAAGATGAAGAAGAGGAGGAGGGAGAGGAAGAAGAGGGAGAG  
GATGAAGAGGAGGAGGGAGAGGAGGAAGAGGAAGAGGAGGAAGAGGAAGAAGAGGAAGAGGAGGAAGAGG  
AGGAAGAGGAGGAGGGAGAGGAAGAAGAGGAGAAGATGAAGAGGAGGGAGAGGAGGAGGAAGAGGAGGA  
AGAGGAGGAGGGAGAGGAAAAAGAGGGAGAGGATGAAGAGGAGGGAGAGGAGGAGGAAGAGGAGGTAGAA  
GATGAAGAGGAGGTGGGAGAGGAGGAGGAAGAGGAGGAAGAGGAGGAGGGAGAGGAAGAAGAGGAGGAGG  
GAGAGGAAGAAGAGGAAGGAGAAGATAAAGAGGTGGAGGGAGAGGAGGAGGAAGAGAAGGAAGAGGAGGA  
GGGAGAGGAGGAGGAAGAGGAGGAAGAGGAGGAAGATAACAGCTGGCTCCTGGAGGAGACAGAAATTCAA  
GATGTTAAGGAAAGGTGTTTATCCACTAGCCTCATGCAAGCAGCCACATGTGTGAGCTTAGCGCCAAAT  
CTACCAATAATCTGAAAATCTACCCTGTGGACCTCAAGAAGGATATCAGCATCCCCATGATGTAAGAAAC  
TGTGGAGATGACTGCCCTTTTATCTTCCAGGGAGTTCAGTCCAGCTCTGTAGACCTGCTGGAGTGGTC  
CTCACTCATGTGTGCTGGCGAGGATGTGTGGGGTGCCTGACACCAGCCTCAGCCAGCTGCTCCTCAC  
ATCGGGAGACCTTTCCCAAGAAAGAAGAGGAGGACAAAAGGTCTTCCAGGCCCTGCACATTCTCAGCCTCA  
GGCTAGTGCATCAGGGAGCCCTGTTACTCTGTGTGAGCATTAAAGAGACCCTGCAAGAGAAGGAGCAGCC  
ACACCAGAGTTGCTGGTCCACCCTCAGAGGTTTACAACACTGAGGATGAAGGTGACTGGCCCCCTC  
CTCCCAAGATTCCACACCTTGAGGAAAAGAAAGAAATCAGACACCAATAAGAACAAGAAGGTGAGGCCAT  
CCAGATCTCAGATGATAAAGTGAATGTCTTAGAACCTAAAAGCCAGGAGGTGTCAGTCCGCACTGTCCCT



[View online »](#)

CAGCCTGATCTGCCAAGGTCCCCACCTTCTTCAGGACCTGGAGTCGCTCTGTCCTTACCCACTGATGGGG  
TTTCCAGCCTTGGTGGTCTGCCTCCACTCCCTTGTATGCCAGGCTGTTTCGATCTCCAATCCCATCTGT  
CCCTTACCTTCCCCACACCAAGTATACCCACAATCCCTATTTCTCTTTGGTTCTCCCTTCTGACTCT  
TTTCTCCTGTGAGCCAGGCCCTGTGTGGAGACTCCACCAGATTTCAAGAAGAAAGACCCCTACTAATG  
TGGCCACAACCTCTGCCATTTCTGACCTCCCCAGGCCCTGGGGCTGAAGCTTTGTCTTTCAATCCCTCCTC  
CTGCAGGAGGGACTCCACAGTGTGAGTGCACAGCTAGCCACCCTCCTCTCCCTTCTCTGCGGCTCCT  
CTATCCCTTCCCCAGGAACCTCCACAGTCTCCCTACCTCAGCATCTCAGGACTGTGAAGACATGT  
ACTGGGAGCCATCTCCGTGGCTGCAGAGGTGGACATGGATACCACGCCCTTCTGAGGCGGCTATTCT  
GAGCTCACCCACTGTCAGCAGTGGTAGCTCCTTACCATTGCTCTAGCCATGGCTGTATCCAGCAGAGG  
ATGTTTCAAACGCAACCGTGTCCATTAGCCTACCTTCATGCAAAGTCCCCTGCTATACTAGCTTTGGGA  
ACAATCTGTTTACTCCAAGGCCACCATGGGCAGATGCACGGAGTGTCTCCCGTGGTAATCCTGGTGT  
TTGGATCAAACCTGGGCTGGTAGCAGCTCTCCCTCCCATGGCAGCAGTAACCCCATCTCTGCTGCTGTG  
GACTTTGAATTCATGGATACCACCCACCTTCTAAAGCTTTCATCTTTCATTCTCCCTGCCACTGACA  
ATGTCTCAAACAGTGTGCTCCAGTCAGTTTGGGGCATACTCCAGCTTGAAGCCTGCTGGAGCTAC  
CCCTAGGACGACCCTGCATTGCTAAGTGGGCCAGCTGATGGCTGTGCTTTATGAGAAATCCCCC  
ACCTTAAGAGCAGCACCTGGCTTACGTCACGAGCTGGCCACCTGCTGGAGGTAGCTCGACTCACCTAG  
GATTTGTAGGCCAGCATCACCTGCTCACCATGGCAGGCCCTGATGGCACTGAGCTAGCCTACAGGAAGAG  
CCCAGTGCTTTCGTCATCGCCACATCGACCTCAGGGTTGACTCTCAAGGCAAGAATGGGTTCCAGGGAAC  
TGCAGCTCATATCCACCAACTTCACTCCAGCACCCCAACATTTGGTGAACCTGTGGTCCAGTAGAGG  
GGGAGAAGTGTGGCGTGGCAGGCACCTGCAAGCACACCTACCCACAGCTCGCTACTACATTGCTAGGAG  
GAAGGGGAAGGACAATGGAGTTACTGTCGCCCCATTGCTCTCAAACCTTGCAGCTCATCTGCACACACT  
GGTCATGCTGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001002775
<b>Insert Size:</b>	3165 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_001002775.2</a></u> , <u><a href="#">NP_001002775.2</a></u>

RefSeq Size: 3556 bp  
RefSeq ORF: 3165 bp  
Locus ID: 442809  
Cytogenetics: 8 D3