

## Product datasheet for **RN206203**

### Fig4 (NM\_001047096) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fig4 (NM_001047096) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fig4
Synonyms:	Kiaa0274; RGD1311375; Sac3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206203 representing NM\_001047096  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCACGGCCGCTGCCCCATCATCAGTTCGGTCCAGAAGCTGGTGCTCTATGAGACTAGAGCTAGAT  
 ACTTTCTAGTCGGGAGCAATCATGCGGAAACAAAGTTCGGAGTCTGAAGATTGATAGAACAAGCAAA  
 GGATTTGGTGGTATTGACGATAGGCACGTGTACACGCAACAGGAAGTGGGGAACCTTTGGCCGCTG  
 GATCTGGGAAACAGAACAAGCTGAGCCAGAAAGGATCCTCCGGTTGTTTCGAGCCGCTCCCGCTTTG  
 GTGTCGATAGGTTTTGTCAGGTTCTTAGAAGGCTACTATATCGTATTAATAACTAAGCGGAGGAAGATGGC  
 GGATATCGGAGGCCATGCAATATATAAGATTGAAGATACAAGTATGATTTATATCCCAATGACTCTGTT  
 CGGATTACTACCCCGACGAAGCTAGGTACCTAAGGATATCCAAATGTGGATCTGTCCAGCAATTTTT  
 ACTTTAGTTACAGCTATGATCTGTCCACTCCCTTCAGTACAATCTTACCGTCTGCGAATGCCCTGGA  
 GATGTTAAAGTCGAAACATCCAAGACCTGCCAGGAGAGCTTCGACATCTTTGAAGATGAAGGGTTAACT  
 ACGCAGGGCGGCAGTGGCGTATTTGGGATCTCTAGTGAGCCTTACATGAAGTATGTCTGGAACGGCGAAC  
 TTCTGGATATAATTAACAGCGTGCATCGCGACTGGCTACTGTATATCATTATGGGTTCTGCGGGCA  
 GTCAAAGCTTCTGATCTATGGACGACAGTGTATGTGACCCTAATAGCCAGAAGATCCAGTAGGTTTGCT  
 GGGACGCGCTTTCTCAAGAGAGGTGCAAAGTGTGAGGGAGATGTTGCCAACGAGGTGGAGACGGAGCAGA  
 TCCTCTGTGATGCCTCGGTGATGTCTTTACCGCAGGCAGTTACTCTTCTACGTACAAGTCAGAGGCTC  
 TGTTCCCTTATTCTGGTCCCAAGACATCAACCATGATGCCGAAACCACCCATTACACTGGACCAGGCA  
 GATCCCTTCGCACACATAGCCGCTCTTCACTTTGACCAGATGCTGCAGAGGTTTGGCTCCCCATCATCA  
 CCTGAACCTTAGTGAAGGAGAGAGAGAAGAGAAGCAGAAAGGATTCTGAGCAGGAGCTGGTGGCCG  
 GGTTACTTACCTTAACCGATTCTCGCCCGGAGCACAGCATTTGATACATTCCTGGGATATGGCCAAG  
 TACACCAAGAGTAAGCTGTGTAACGTTCTCGATCGTCTGAACGTGATTGCAGAAAGCGTGGTAAAGAAGA  
 CAGGCTTCTTCTGCAACCGCCCTGATTCTTACTGCAGCGTTTTACGGCCAGATGAGAAGTGAACGAACT  
 AGGAGGTGCTGTGATTCCCACTGGTGGCTCCAGACCGGCATCCTTCGAACCAACTGCGTGGACTGTTTG  
 GATCGTACCAACACGGCGCAGTTCATGGTGGGCAAGTGCGCCCTGGCTTACCAGCTGTACTCCTTAGGGC  
 TGATTGACAAGCCCAACCTGCAGTTCGATACGGACGCAGTGAGGTTATTTGAGGAACTCTATGAAGACCA  
 TGGAGACACCCTTCCCTGCAGTACGGAGGCTCTCAGCTGGTTCATCGGTTGAAGACCTACAGAAAGATA  
 GCGCCGTGGACCCAGCACTCCAAGGACATCATGCAGACGCTGTCTCGGTTACTACAGCAATGCCTTTTCAG  
 ATGCGGACAGACAAGATTCCATCAACCTGTTCTTGGGTGTTTTCCACCCACAGAAGGAAACCTCATCT  
 CTGGGAACCTCCACGGACTTTTACCTGCATCACAACCAACCATGAGCCTTTTACCCCAAAAAGGAGT  
 TATACTCACTGGTGGACACCAGAGGTGGTGAAGCATTTGCCGCTGCCTTACGACGAAGTTATCTGTGCTG  
 CAAACTTAAAGAAGTTGACGGTGAAGAAGTTTCACAGATGGGAAGAGGAGATTGATTCACAATGAGTT  
 CTTCCGGCCGATGAATTGAGTAGTTTTGATGACACCTTTTGCCTGGCCATGACAAGTTCAGCACGTGAT  
 TTTATGCCTAAAATATTGGCATTGACCAAGTCCATTCACCGTGCAGAAAACAGACGAAACCGGAAAT  
 CTGTACTGGGGAACAAAAGCAACAGAGAGGAGGCCGCTCCTGCAACGAAAACGGCAGCCAGCGCCCGCC  
 ACCCCACGCGAGGAGGCCGTGCCAGCAGCTCCGAGGACGACTCTGGTACTGACCGGGAAGACGAAGGT  
 TCCATCTCGCAGCGATCCACTCCTGTGAAGATGACTGACACCGGAGACAGCGCCAAAGTACTGAGAGTG  
 TGGCCCAACCCATGAAGGAAGTGTACGGAGTTAGCCTCTCACGTAGCCTGTCCGAGGAGGATCACTCCAT  
 TTATGCCAGGTTTGTCAACTGGGGCAGAGTCAGCATAGACAGGACTGGAGCAGCCCGCAGATGTGTGCC  
 CGGTGCTCAGACGGAGTTATCAAATAACCCCATCTCAGCTTTCTCGCAAGACAACATTTATGAAGTTC  
 AGCCCCGAGAGTAGACAGAAAGTCCACAGAGATCTTCCAGGCCACATCCAGGCCAGCAAGGTATCAT  
 GCAGCCCTTGGCAAAGAGGACTGCCATATACCGGAGTACATCAGAAACCGTACTTAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001047096

<b>Insert Size:</b>	2724 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>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_001047096.1, NP_001040561.1</u>
<b>RefSeq Size:</b>	3181 bp
<b>RefSeq ORF:</b>	2724 bp
<b>Locus ID:</b>	309855
<b>Cytogenetics:</b>	20q12