

## Product datasheet for **MC222294**

### Arhgef26 (NM\_001081295) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef26 (NM_001081295) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef26
Synonyms:	4631416L12Rik; 8430436L14Rik; AI303572; AW491953; SGEF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222294 representing NM\_001081295  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGGCGAAAGCGAGGTGGATTTTTCCAGCAACGGCGTCACCCCTTTGTGGCGGAGACGGTCCACCC  
 CTCGCTCCAGTTGCTCAGCCGGAGCAAGCCGCGGCCACAGTCGTACCAGAGCCCAAGCGGGCTGCTGAT  
 CACCGACTTCCCTGTGGAGGAGCTGGCTGCCCTTCCCACGCCGAGACTCCGGTCCCGGTACCCGCCGAC  
 CCGGACGACAGGACGGTGTCCAGGAGCCCCAGCTTCTGAGCGCGCATCGGAGGCCGGTGACCAATGGTC  
 GCACGGTGTCCCGGACTACAGAGCTGCTTCTCCTCGACTCCGACGGCCCAAGTACCCCTGGTTTCTTA  
 CGCGGCGTCGGGCGGCTCCCGAAGTCCACTTCTAATGGCACCGTGGCCTCGCCCGGGCGCTGTTGTGCG  
 CGCGCTCCCGGACTCCGGACACCCCGGCTCTTGCGCCACCGATGAGGACTGCACCGGGGTGACTGCCA  
 GTAAGGTATCTTCGCCATTGCCAATGGCCTTGCCATAAAAACCGACTCATCTGGCCAGTATCACAAAC  
 TGGTCAGCCAGCTGGGGACTTGGAGCTGGCCCCCTCGAGACTCTCTCCTGCTCTCCACACAAGTCTTCA  
 GAACAAAAACTGCCACTCCAAGGCTGCCCTCCAAGGGAATGAGCTCCCAAAACCTTCCGTGGTTTTGA  
 GTACCAACAGCCCGCGGCCCTCAAGATGGGAAAGCAGCAGATTATCCAAAAAGCCTTGCTCTGAAAT  
 TAAACTGAGTAAATCCAATAGTCAGAACGTGGAGTCCCATAGGAGGCTTCTCAAGGTGCGCAGCATGGTG  
 GAGGGACTGGGAGCACCTTGGGCCACGAAGGGGAGGAAGGCGAAGTCGACAACGACATGGACAGTCCCG  
 GCTCCCTTCGGCGAGGCTTGGTCCACGTCTTACAGAAGGGCAGTGGTCAGCGGCTTTGATTTTGACAG  
 TCCACCAGCTCAAAGAAGAAGAACAAGATGTCCAGCCTGTCTGAAGGCCGTAATGGAAGACAAGGAG  
 AAGTCTCTAGCCTGGGAAGGATAAAGAAAAAATACTGAAAGGACAAGGAACATTTGATGGGGAAGAAA  
 ATGCAGTCTGTATCAAACTACAAAGAAAAGGCCCTTGATATCGACTCTGATGAGGAACAGAGGCCAA  
 GGAGCAGAAGGCAGAGGAGAGAATTGTGATTACCACAAGCCCTGCGCTCCACGTGGAGCCAGCTCTCC  
 GCGGTGAAAAGAAATGGGCTGTCTCAGACAGTGAGCCAGGAGGAAAGGAAGACAAAGAGCAATTTTTG  
 AAGTCATATCATCAGAGCATTCTTATTTACTCAGCTTGGAGATCTTGATACGGATGTTTTAAAACTTAA  
 GGAAGTACTGATACAATGACTAAGACCAGAGGCATCACCTTTTCTCCAACATTACCGATGTCTGGGAG  
 GCCAGCAAAAAATTTTTCACAGAGTTGGAAGCAAGACATCAGAATAACATCTTCATAGAGGATATCAGTG  
 ACATTGTAGAAAAGCACACAGCATCCACCTTTGACCCCTACGTGAAATACTGCACCAATGAAGTCTACCA  
 ACAGCGCACGCTGCAGAAGTTGCTAGCAACCAACCCGCTCTTAAAGGAAGTGTGTCGAGGATCGAGTCC  
 CATGAAGACTGCAGGAATTACCTATGATCTCTTTTCTCATTCTCCCATGCAGAGAGTGACACGCCTTC  
 CCCTGCTGATGGATACTATCTGTCAAAAAACCCAAGGACTCTCCAAGTATGAAGTCTGCAAAAAGGGC  
 CTTGAAGGAAGTGAAGTGGTCCGACTGTGCAATGAAGGAGCACGGAAGATGGAGCGGACAGAGATG  
 ATGTACACGATTAATCCAGCTGGAATTTAAATCAAGCCTTTCCCTGGTCTCCTCTTCCCGGTGGT  
 TGGTGAAGAGGGGAGTTGACAGCCTATGTGGAAGACACAGTGTCTTCCAAGAGGATGTCCAAACA  
 GCAGGTCTACTTCTTCTGTTCAATGATGTGCTTATTATCACGAAGAAGAAGTGAAGAAAGCTACAAT  
 GTCAATGATTACTCCTTAAGGGACCAGCTGTTGGTGAATCCTGTGACAATGAAGAGCTTAATCCTCTC  
 CAGGGAAGAACCCTTCCACGATGCTTTACTCAAGACAGAGCTCTGCCACTCACCTTTTACCCTGACAGT  
 CCTCAGCAACCATGCCAGTGAGAAGGTGGACATGCTACTAGGCGCTGAGACCCAGAGTGAGCGAGCCCGC  
 TGGATCACAGCCCTGGGACACAGCAGTGGGAAACAGCCACCAGACAGAACCACCCTGACCCAGGTGGAAA  
 TCATTAGGTCTTTTACTGCCAAACAGCCTGATGAACCTTTCCCTGCAGGTGGCAGAGCTGGTCTCATTTA  
 TCAGCGTGTGGCGATGGCTGGTATGAAGGGAAACGACTTCGAGATGGAGAGAGGGGCTGGTTTCCAATG  
 GAATGTGCCAAGGAGATAACATGTCAAGCTACTATTGATAAAGAATGTGGAGAGGATGGGACGATTGCTAG  
 GACTGGAAACCAACGT**TAA**

**ACGGCT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001081295  
**Insert Size:** 2610 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><a href="#">NM_001081295.1</a></u> , <u><a href="#">NP_001074764.1</a></u>
<b>RefSeq Size:</b>	5205 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	622434
<b>Cytogenetics:</b>	3 E1