

## Product datasheet for **MC205872**

### Arhgef38 (NM\_029953) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef38 (NM_029953) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef38
Synonyms:	9130221D24Rik; D630013G24Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC049886  
 TGCTGAGGTGCGCCCTGAGACACTTAAGCCACCTGCAAACCTCAGAACCTTGTCTCTTTGCCTCCGATGG  
 AGCCCAGAGAAGCCGCTGGGAAGGAAACCATGGGAAGCAAGAAGAAGAACTTGACTTTCTTGAGATCCAG  
 GCTGTATATGCTGGAGAGGAGGAAGACGGATACTGTGGTGGACAGCAGTGTCTTGGGGACCACTCTGGT  
 TCCTTGAGGAGAAGCCAGTCTGACAGGACCGAATAACAACCAGAACTACAAGAAAAGATGACTCCACAGG  
 CTGAGTGTCTCCTCAGCAGAACTCCCACCCTGAGGATGAGCAACAAGTGGGACGGATGATGGCAAAGCG  
 GGCCAAGATCATCAGGGAGCTGATACAGACGGAGAGGGATTACCTCACAGATCTAGAGCTGTGCCTTAGA  
 GAAGTGGTCCAGCCACTGCGAAGCAAACAGATTGACAGGCTGGACGTGGAGGGCTTGTTTAGCAACATTG  
 AATCTGTGCATCAAATATCAGCCAAGCTACTGTCTTGCTGGAAGAGGCCACAACAGACGTGGAACCGGC  
 CATGCAAGTAATCGGAGAGGTATTCTTGACAGTTAAAGGACCGCTGGAGGATATTTATAAAATCTATTGC  
 TATCACCATGATGAAGCACACAGCGTCTAGAGTCTATGAAAAGGAAGAGGAGCTGAAGCAACATCTGA  
 GCCACTGCCTCCAGTCTTAAAGTAAGGTCTTTCTCGAAGGGGACTCCCATCCACTCTGGTTGCTTAGC  
 GGGGTCTTCTGCAATGGACCAGGATGAAAGGTACACATAGCCAACATTTTACAGGGTTTGCCAGATAG  
 CTGCATTACGAAAGGTTGATGTGCTACAAGTCAAGATCACCTTTTATTCTACCTGACATGATGACTAAG  
 GATAACATGGGAGACAAAGATTCAAGACCTTGTAGGGATGGGGGGCGGGGGCGGGGAATGCTATATTAT  
 CAAGCAATAATTATAAAATAAACCTGCCATTATGCATTCCTCAAAGGCTGGTGGGTAGCGAGTTGGTTAC  
 ATTAATAGAATTCCTGAATAGTCTTCTTCTTCTGCTGCCCTAATTCACGATGGGGAGATTGAGAGGATTA  
 TTAAGACCCCACTAAACGTAGCTTCAAGACTATTAGACACTCTGCCTTCTCACCCACAATACATAAGG  
 AGGCAGCAGAGGGACTGCATGACGATGTACGTGATATGCATTAATTTTTCTAAAATAAATACCTATTCA  
 CGACAAAATCTGAACCTATACATTGAAATAAGAGTCTTTAAACTCTTGCTAATCATTACCCAGTCAATTA  
 ATAATCACCATTATAATCTTTTGTGAACAGGGAGTGACAAGCCTGTGCTTGGTCTGATTTTTAGATGGA  
 ACTGGCATCATAGTGCACGTATTGTTTCTAGCACATGACATTTAAAGCTCACTCTCCTTTTTCTCACCT  
 TGTACATTTTTCTATGGACGTTCCCTTAATGACTCTATACTGTCAGACAGGCTGCATATTGTGTATA  
 TGCTGGACTGTGCAGGTCAGGGATTGAGCAGTTTCAGGAAGCTGAGATGTTCCAGTCAAGATGCAGCAG  
 TCTGAACCTCTAGTATACCTTTGTGTGTTCTGTTGTGGGAGGAAGGGGGAGCCCTGCTTTGATAGAA  
 GAAGTCTATAGCTGCATTGGGGTCAATATGGAGACCGCCGGAAGACGTTCCAGACTTCAGAAGTAAAA  
 TGAGTTTAATTTGGTCTCATGACTTAAAAAAAACCAGACAAAACAAAACAAAACAAAATCAACCA  
 AACATAATCTCTTTGATTCAATTTCACTTTATTGCTCTGATGGCCAAAAGATTTACAGTCTTTTCAT  
 GTTTTTCCATACCTAGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_029953

**Insert Size:** 660 bp

**OTI Disclaimer:** 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).

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [BC049886](#), [AAH49886](#)  
RefSeq Size: 1933 bp  
RefSeq ORF: 660 bp  
Locus ID: 77669  
UniProt ID: [Q80VK6](#)  
Cytogenetics: 3 G3  
Gene Summary: May act as a guanine-nucleotide releasing factor.[UniProtKB/Swiss-Prot Function]