

Product datasheet for **MC222095**

Arhgef33 (NM_001145452) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef33 (NM_001145452) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef33
Synonyms:	Gm941
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222095 representing NM_001145452
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAAATCCAAAGCCAAGCAAGGAGAGAATGAACACATGCCGGTGAATAACCCCTCCACACAGATTT
 ACCAGCTGCAGGCCCTGGCCTCGGAACTGAAAACGGGCTTACAGAAGCAATGCAGGAGCTGACACGGAT
 CCAACATGGAGAATACGCTTTGGAAGAGAAGGTCAAGAGCTGCCGATGTTCAATGGAAGAGAAAAGTCACG
 GAGATGAAGAATTCATTAATACTTCAAGGAAGAGCTGAGCAATGCAATGTCCATGATTGAGGCCATCA
 CTTCCAAGCAAGAAGAAATGCAGCAGAAAATCGAACAGCTGCAGCAGGAGAAGAGAAGAGAATCTCGAAA
 GGTCAAAGCCAAGAAAGCCAAAAGGAAGAACATGGCGCGCAGGCCGGCCGGCATCTGCGCTGCGCCT
 GGGTCTGCGCGACTCAAGGAAGCCCTCCGCTCCATCAATGTCCTGAAGCCGGTCTCCCCAGTGACG
 ACTTCACCAACATGTTGCCTTCTCAGAACTATGAAAAAGCCAAAGAGTCAAGATCTGTTTATGTAGGAGA
 TAGCAATGTCAAGGGGATGATGGGTCTGGAGTGAACCAACAACCTCCAGATCCGATGAAAACCTTAAG
 CCTTCTCTCTCAGCCGAGATCCAGTCCAAGGGCCATCACACACCTGGCCTGTGGAGACAGCCTAAGGAAG
 GCAAAGAATGGGGCGAGGAATATGTCACAAAAGACCACCCAGATAAGCTGAAGGACGCTGGCCAGGGCAG
 ACACAGCTCCCTGGAAAACGTTCTGTGTGAAACCTCTTTAGCTGCAAAAAGGCAAACTGTGGCTCTGGAA
 CTGCTTGAATCAGAACGGGAAGTACGTCAACATCTCGCTGATCCTGAAGATAAAGGCCACCTCCAGG
 GCTCCGATGGAAGAGGAACCCAAAGGAGAGAAGCCTCTCCCTGGCTCCTTGCCTACCTCGTCCAGCA
 GCATTTGGACTTGCTTACCGCTGCAGGAGAGGGTCTGAAGTGGCCACGCCAAGGAGTCTTGGAGAC
 TTATTCCTGAAGTTGACAAATGATGAGAATAATTTCTGGATTATTATGTCGCCTACCTGAGGGATTTAC
 CCGAATGCATCTCATTGGTTTATGTTGTGGTACTGAAGGAGGGTGAAGAGATTAAGTCGGATATCTA
 CACTCTGTTTTTCCACATAGTACAGCGTATCCCGAATATCTGATACATCTGCAGAATGTTCTGAAGTTC
 ACAGAGCAGGAGCACCCAGACTATTACCTCCTACTTGTGTGTGTTGAGCGCCTCCGAGTGTATATCTCTC
 ATTATACCCTGTGTTTCAATGCAATGAAGATTTGCTTATTACAGAAACGGAAAAAACTCAAAAAGTCATC
 TATGGCAAAGCTGTACAAAGGGCTGGCTTCCCAGTGTGCCAATGCTGGCCAAGATGCTTCCCCCAATGCA
 GGCCAGGAGGCTGTCCACGACAGTGGGTCCACTCAGAAGAAATGCTCCAACCTATCCTTCTCTTCCA
 GTTCCGCCCTGTGTCTCACATCTGATGGCCCCGCAAGAAAGGCCAGCAGCAGCAGAGCCTCATGGA
 GAGCATGCAGCCCGGAAGCCTGGAGACTGGGAGCTGGAGGCAGGAAGCAGCAGCGGCCGAGAGCCTG
 CTGGCGCCGCTCAGTTCTGCGCGCCGAGCAGGACGTGAAGGCCTCGCCGGCCCTCTGCAGGCCATCC
 CGGAGATGGACTTCGAGCCGTCTCCGCCGAGCCGCTAGGCAACGTGGAGCGCTCGCTGCGCGGTCCGCC
 CGAGCTCCTGCCGACGCGCGCGCTTCTGTCGCCCGCGCTACGAGGAGTTTCGAGTACGGCGCGGAGATC
 TTCGCGCTGCCGCGCCCTACGACGAGGAGCCCTTCCAGGCGCCGGCGCTCTTCGACAACCTGCTCGCCTG
 CCTCCTCCGAGTCCAGCCTGGACATCTGCTTCTGCGGCCGTAGCTTCGCCATGGAGGCCGAGAGGCC
 GGAGCACGCGTGCAGCCGCTGCCAAGAGCGCCACGTGCGCCGGCAGCAGCAGCGGCCCTACAAGCTG
 GAGGCCGCGCAGGCGCAGGCGCACGGCAAGGCCAAGCCTCTGAGCCGCTCGCTCAAGGAGTTCCCGCGCA
 CGCCGCCCGCGAGGGCGTGGCCCCGCGCTCTACAGCACGCAAGCAGCAGCGGCCGCGCCGCGCCGCT
 CAAGGTCGAGCGCGTCCC GCCCGCACGGCCCCGCCCGCGCTGCCGCTCCCGCGGGCGCCGCGG
 ACCTTCTTCCCCAACAGAGGTCCCAAAGCGAAAAACAGACCTATTTGGAAGAGATGCACCTAGAGGATG
 CCACTCGATTCTGTCAAAGGAAGAAAGAGAGAGTGAACAGACTTCTTTAGCGATCAAAAATCCAGGCA
 AGACCAGAAAGGGGCTTTCGAGCTCATTCCGCAAGCTCTTTAAAAAGAAAAATGGGAACCAACTGGT
 GAAGATTTCTGTGGTCTTGGGCTGGTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001145452
Insert Size: 2553 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:	<ol style="list-style-type: none">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:	<u>NM_001145452.1</u> , <u>NP_001138924.1</u>
RefSeq Size:	3278 bp
RefSeq ORF:	2553 bp
Locus ID:	381112
UniProt ID:	<u>Q8BW86</u>
Cytogenetics:	17 E3