

Product datasheet for MC224667

Arhgef11 (NM_001003912) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arhgef11 (NM_001003912) Mouse Untagged Clone
Tag: Tag Free
Symbol: Arhgef11
Synonyms: B930073M02; E130307F09; mKIAA0380; PDZ-RhoGEF; Prg; RhoGEF
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224667 representing NM_001003912
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGCATACGGTTGCCCATAGTATAGACAGGTTAAGTAGCCTGTCTTCTCTGGGAGATTCTACACCTG
 AACGCACATCCCCTTCTACCACCGCCAGCCCTCTGACACCTCTGAGACAACAGGTCTTGTTCAGCGCTG
 TGTCATCATCCAAAAGGACCAGCATGGCTTTGGCTTACAGTTAGTGGAGATCGCATTGTCTGGTGCAG
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 GCACCATGGTGACCAATAGCTCACACCTGGAGGTAGTGAAGCTTATCAAATCTGGCGCCTATGTTGCGCT
 TACCCTCTGGGCTCTTCTCCTTCTCCATCGGTGTCTCTGGGCTCCAGCAGAACCCTTCTCTGTGACGGA
 GGGCCAGAGTTAACCCCATGATTCCTCCACCACCTCCTCCTCCACCCTTGCCACCTCCACAACACATTA
 CTGGACCTAAACCTCTACAGGATCTGAAGTCCAAAAGCAGCCACTCAAATCCTCAGGAATATGCTAAG
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 GGAGGCAGACAGTGGCTTGGACTCAGGGACAGAACGCTTTCCTCCATCAGTGAGTCATTGGTGAATCGG
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 AGCACCACAGGCGACAGGGCTCAGATGCAGCGGTGCACCCCTCAACCACCAGGGTATAGATCAAAGCCC
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TCGCTGTTAATACCTACATGAGCCACACTGGGATCCGTCTTCGGGAGTCTCGACCTTCCAGCACAGCAGA
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 TTCACCCCAAAAATGGGCCGAGGAGCATTGAGTCCCAATCTGGGTTCTGTACAGATGTCATCCTTC
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 GATCCACAATTCCTGGTGTGAAGCCATGAAGAAGCTCCGGGAGGAGGGCCCAATTATCAGAGACATCAGT
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 CCTATCAGTCAGTAGCCCTGGAGCTAATCAGGACTAAACAACGCAAGGAGAGTCCGATTCCAGCTCTCAT
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 AGAGAACCGTCACCGCTTAGAAGGTTACAGAAACGCCTGGATGCCACTGCTCTAGAGCGGGCCAGCAAC
 CCCTTGGCAGCAGAGTTCAAGAGCCTGGATCTTACGACAAGGAAGATGATCCACGAGGGGCTCTGACCT
 GGAGGATCAGCAAAGATAAGACCCTGGACTCCAGGTGCTGTTACTCGAGGACCTGGTAGTGTCTGCA
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 ACCTTCAGCCCTGTGCTGAAGCTCAATGCCGTGCTCATCCGCTCTGTGGCCACAGATAAAGGAGCCTTCT
 TCATCATCTGCACCTCCGAGCTGGGCCCTCCCAAGATCTATGAGCTGGTGCATTGACATCATCAGACAA
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 CTCACCATCCCTCACCACCAGGATCCCAGGAGCCAGCCTACCAGGGCTCCACCTCCAGCAGGGTAGAGG
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 GAGAGGTCAGACAAGCAGCTGTAGCACAAGAGGGGCTGAGCAGGAGGAGGATGCAGAGGAGCTGAGG
 GCCCTGCCTTGCCTCCTCCCTCCCTGGATGGAGAAAACAGAGGCATCAGGACAAGGACCCTGTCTTC
 TGGCCCTCACAGGCCCTCTGCTCATGGAGGACTTGTGTGCTGCCCTGGAAGATGTGGAGAATTGCG
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 GACCTTACACCCACCCCTTCTGTGCTCAGCATTACCTCTACCCCTGGGACCCAGGATCCCAGGGCAAG
 CTCCTGTATAAGTGACAACACCCAATTTCCAAGGCCAGAGGGAAGCCAGCCAGAGGGCGAGGATGTTGC
 TCTCTGTTCTCTGGCACACTTGGCCACCAAGGACCAGAAATTTGGCATCTGGGACTCTCCTGAGCTGGAT
 AGGAATCCAGTGAAGAGGCTTCAAGCTCAGAACCAGCAGGAAGTTACAAAGTTGAAGGAAAGTCTCTC
 TACTCCCTGGTGGTGGTGTGGTGCAGCAAGGTGGCGGGCAGCAATGTTACCCCTGCACTCCCAGAGAG
 TGGCCAGTCAGAACTCTGAGCTATCTGAAGTGAAGGCGGAGCACAGGCTACGGGAACTGTTTCTATGTC
 AGCATGCCAGCAGAACCTCTGGACTTAGCACTGAGCCTCCTGGACACCCCAAGTCTCTCGCAGTGTG
 ACAGCCTCCCTGCATGGCCAACAGAGCCTCCGCAACACAGGGGAGTCACTGGGGTCCAGGTTCCAGCCT
 GGTCTCAGGGATATGGGTGTGATCTTCCACACCATCGAGCAACTGACCGTCAAGCTTACAGACTCAAG
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 GACCTCTGACCCCAAAACAATCAGGAGCAGGGTCTACCCTGAAGAAGGCTCCGACACCCCTGGAA
 GACAGTCCACAGACACAGCTTCGTCACCAGGACCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001003912

Insert Size:	4659 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_001003912.1, NP_001003912.1</u>
RefSeq Size:	5617 bp
RefSeq ORF:	4659 bp
Locus ID:	213498
Cytogenetics:	3 F1