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Product datasheet for MC225155

Arhgef17 (NM_001081116) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef17 (NM_001081116) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef17
Synonyms:	8030463K16; AI428794; AW558066; BC035332; mKIAA0337
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC225155 representing NM_001081116
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGACGGGTCACCTCGACCCCCACTTTATCGCAGCGTCTCGTTTAAACTGCTGGAGCGCTGGAGCG
GCGGACCGGGGCCGAGGGAGGAGGACGCGGACACCCCTGGGTTGCGGCGCCGAGCTTCGTGCCGGCCAGC
CGCGGCAGTCCCGGGCCAGCCCTCCCGGCGCGTGTCCAAGCTGGCGTCGGGGCCCCCGGCCGCCCCCGCG
CAGCCGCGCCCGCTCCGCAGCCTCTCGCCATCGGTGCGCCAGCTCTCCCGGCGCTTCGACGCGGCGGGTC
TGGACGACGACTCCACTGGTACCCGGGACGGGGGCTGCTCCTCCGGCACCACAGAAGAAGCTGCGGAAGG
CTCTGAACGTGGGGCCTGGCCCAGCGTCACAGAGATGCGCAAACTCTTCGGCGGTCCGAGCTCCAGACGA
CCCAGTATGGACTCTGAGGCCCTGGGGTCGACCAGCCCCGACAGAGTTTCGTGGGAGCCCCCAACTCGCG
ATCCCCGGCAACCTCCGACGCCACCTCCTCGAACGTGCTTTCCTCTGGCTGGCCTGCGTTCTGCGCGGCC
GCTGTCCGGGCCCGGGATCGAGGGGAGGCGACGTCGGCAGCACCAGCAACAGGAGCGGGCGCAGCGTCCG
GCGGATGGTTTACATTCTTGGCATAGCTTCTCCCAACCGCAGGCCGGGGCCCGGGCCTCCTCCTCCTCCT
CCATTGCCTCCTCCTATCCTGTCAGCCGCAGCCGGGCTGCTAGTTCCAGCGAGGAGGAAGAGGAGGGACC
GCAGTCGCAGCTTGGGCCTCAGAGTCCGGCCTACCTCGGCGGCCACTCTTCGGGCAGTGACGAGGACCCA
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ACCTGGCCAGCCCAGCTGGCTCCCGAGGAAGTAGTCGCTATTCCAGCACAGAGACCCTCAAAGATGACGA
CCTATGGTCAAGCCGTAGTTCTGTGGGCTGGGGTGTATATCGATCCCCAAGTTTTGGAACTGGAGATGGG
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GACGCTGCTCAGTTTCCTTCGTTCAGACCTTTCAGAACTGAGGGTCCGAAAGCCCAGTGGGGGCCCTGGG
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AACAGGCCCCTAGATGGCAGAGACTCACCATCAGCAGGTAGCCCAATGGAACAATCGGAGTCCACACTGT
CTCAAAGTCCAACGTCACCCACCACCCGGCCCACCCTCAAGGACCTGACAGCTACCCTACGCAGAGCAAA
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CAAGCAGGTGGCTGAGCGCATCAACAAGGGTGTGCGGAGCGCTGAGGAGGCCGAGCGGCATGCCCGCGTG
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TCAAGGGGGCGTCTCAAGCCACCAATCGGGAGACCATCCAAAAAGCCATCAGCCGCCTGGATGAGGACCT
GGCCACCCTGGGCCAAATGAGCAAGCTCTCCGAGAGCCTCGGCTTCCCCCACCAGAGTCTAGACGATGCA
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CTTTGGAAATGAAGAGACCCCAAGCTCCAAGGAAGCCACTGCAGAGACGACCAGCTCTGAGGAAGAGCAA
GAGCCTGGCTTCCTGTCACTCTCTGGCTCCTTTGGGCCAGGTGGTCCCTGTGGCACCAGCCCGATGGATG

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GAAGAGCCCTTCGCCGCTCCAGCCGTGGCTCTTTCACAAGGGGCAGCCTTGAGGACCTGTTGAGTGTGGA
CCCTGAGGCCTACCAGAGTTCCGTGTGGCTGGGCACCGAGGATGGCTGTGTCCACGTCTACCAGTCCTCT
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CAACCCCACCGCCTCCCCCAGACACAGGCCCTGAGAAGCTGCCTTCCCTGGATCACCGGGACTCCCCTCG
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CGACTCAGCAGCGGGGGTGGCGGCAGCAGCGAGACCGTGGGCCGAGATGACAGCACAAACCACCTACTCC
TGTGGAGGGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081116

Insert Size: 6174 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: NM_001081116.1, NP_001074585.1

RefSeq Size: 10250 bp

RefSeq ORF: 6174 bp

Locus ID: 207212

UniProt ID: Q80U35

Cytogenetics: 7 E2

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Gene Summary: Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPases.[UniProtKB/Swiss-Prot Function]

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