

Product datasheet for **RN204833**

Arhgef15 (NM_001105789) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef15 (NM_001105789) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef15
Synonyms:	E5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204833 representing NM_001105789
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGCTCAGTCTCTCCCTGCAGCAACGCCCTACCTGAAGCCCCCTCGGATCATCCGCCCCGAC
 CCCATCTCGGCATAGGGCTCCACACTCCCGGGGCTCCGCACAATGGCTCCTCTCGAAAGCACTTCC
 TCAAATATCCAATGATGCATCAGCCTCAGTGTGCACCTCCATCTTCTGGGAACCCCCACGGTTCCCTG
 AAGCCCCCTGCTTTCTGCCTCCCTCAGTTTCTAGAGCCAGCCTGGACTCTCAGACTTCCCTGACTCAC
 CTTCCAGCACACCGAGTCCCAGCCAGTGTCCCGGCGCTCCATCTCCCCAGAACCAGCTCCCTGCTCTCC
 GGTACCCCGCCCAAGCCCTCTGGATCTCCCGAACACCTTTGCCCTTGGCCCCGTGCCTCTCCAGGAT
 GGCTCTGCCTCAGCCCCGACCGTTCGCAGACTGGCCGGCAAGTTTGAATGGGAGCTGAAGGCAAGG
 CCCAGTCGGCAGACTCCCTGGAACGGTGTCCCAAGGGAGCACGGATGTGAATGGGAGAAAGAGACTCT
 CCAAGTCGGCCTTTCGGGAATGGGTCCCAGGAGAATGGCACTCCCGAAAACCCGGCCTGGAGCTCCGA
 TGGGTGCCTGTGGGAAGTTCTGACGACATCCTCAGGGCTCCCTGCCGGGCATCTCCACTCCGAGCCTCCC
 GCTCCCGTATCAACCCTCCAGTCATCAGTACCCTCCAGTTGTGCTCACATCCTATCGCTCCACTGCGGA
 GCGAAACTCCTACCTCCCTCAAGCTCCCAAGCCAAGTAGAGTCAAGCAGGACACCAGCACCTCTGGG
 GAGCTTCCACAGCCGGACCTGGAAGTGCCTTCAAGAATGGAATCCAAGCAGCTCCAAAGCCCTGGGAAG
 GGGACAGACCTGAAGAAGCTCCTCAGAAGCTCCTCCTCCGGTAGCCTTGGAGGGAAGGGAGGAGGAAGG
 GCTGGAGGGGCTGAAGGAGCTGCAGTGGGAGCTGCCCCGCAGGACGAACCTTTATACCAGACTTACCGA
 GCAGTGTGCTGTAGAGGAGCTGTGGGTGTGGGTGAGGATGGGGTCCCTCTCCAGCTAATCCTGGAG
 AAGCTCCACCTTCTCCAGGCTCCCTGGACCTCGAAACACTCTGTGGCAGGAGCTCCCGGCTGTGCGAGG
 CAGTGGTCTCTTAGAGAGTCTAAGCCCCAGAAAGGCGCATGCAGGAGAGCCTGTTTGAAGTGGTGACA
 TCAGAGGCTCCTACCTGCGCTCCTGAGGCTGTGACCGACACCTTCGTCTGAGCCAGGCTCTCCGGG
 ACACCCTCACTCCTCGGGATCATCATACGCTCTTCTCCAATGTGCAGAGAGTCCAGAGTGTGAGTGCAG
 GTTTCTAGGAACACTGCTGTGACGTGTTCTCCTCCACACATCTCTGACCTGTGACGTGGTGCAC
 GCCACGCAGTTGGTCTTTCTCCGTGTATGTGGATTACGTTCCGAACCAGCAGTATCAAGAGGAGACGT
 ATAGCCGCTTATGGATACAAACGTGCGATTCTCTGCGGAGCTGCGCAGGCTACAGAGCCTCCCAAATG
 CGAGCGGCTCCACTGCCATCTTCTGCTACTGCCCTTCCAGCGCATCACCCGCTCCGGATGTTGTTA
 CAGAATATCCTAAGCCAGACAGAGGAGGGTCCAGTGTGAGGAGAATGCCAGAAGGCCTTGGGTGCTG
 TGAGCAAGATCATTGAGCGCTGCAGCGTGTGAGTGGGGCCATGAAGCAGACTGAAGAGCTCATCCGACT
 CACCCAAAGTTGCGCTTTCACAAAGTCAAGGTTGGCTTAAGGGGCTTCTGGAGCTTCCCTGCCAAC
 TGGTGTGTGAAGTACAGGAGAACATGAAAGGAGAAAGCATCTTCGCCAGCATCAGAAGCTCCTTGAAGG
 TGCAGGACCTCTCAGACACTCCTGACACCCCTCAACCTTAGGGCAGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105789
- Insert Size:** 2013 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_001105789.1](#), [NP_001099259.1](#)

RefSeq Size: 3641 bp

RefSeq ORF: 2013 bp

Locus ID: 287418

Cytogenetics: 10q24