

Product datasheet for **RR204833**

Arhgef15 (NM_001105789) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR204833 representing NM_001105789
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGCTCAGTCTCTCCCTGCAGCAACGCCCTACCTGAAGCCCCCTCGGATCATCCGCCCCGAC
 CCCCATCTCGGCATAGGGCTCCACACTCCCGGGGCTCCGCACAATGGCTCCTCTCCGAAAGCACTTC
 TCAAATATCCAATGATGCATCAGCCTCAGTGTGCACCTCCATCTTCTGGGAACCCCCACGGTTCCCTG
 AAGCCCCCTGCTTTCTGCCTCCCTCAGTTTCTAGAGCCAGCCTGGACTCTCAGACTTCCCTGACTCAC
 CTTCCAGCACACCGAGTCCAGCCAGTGTCCCGGCGCTCCATCTCCCCAGAACCAGCTCCCTGCTCTCC
 GGTACCCCGCCCAAGCCCTCTGGATCTCCCGAACACCTTTGCCCTGGGCCCGTGCCTCTCCAGGAT
 GGCTCTGCCTCAGCCCCGGCACGGTTCGCAGACTGGCCGGCAAGTTTGAATGGGAGCTGAAGGCAAGG
 CCCAGTCGGCAGACTCCCTGGAACGGTGTCCCAAGGGAGCACGGATGTGAATGGGAGAAAGAGACTCT
 CCAAGTCGGCCTTTCGGGAATGGGTCCAGGAGAATGGCACTCCCGAAAACCCGGCCTGGAGCTCCGA
 TGGGTGCCTGTGGGAAGTTCTGACGACATCCTCAGGGCTCCCTGCCGGGCATCTCCACTCCGAGCCTCCC
 GCTCCCGTATCAACCCTCAGTCATCAGTACCCTCCAGTTGTGCTCACATCCTATCGCTCCACTGCGGA
 GCGAACTCCTACCTCCCTCAAGCCTCCAAGCCAAGTAGAGTCAAGCAGGACACCAGCACCTCTGGG
 GAGCTTCCACAGCCGGACCTGGAAGTGCCTTCAAGAATGGAATCCAAGCAGCTCCAAGGCCTGGGAAG
 GGGACAGACCTGAAGAAGCTCCTCAGAAGCTCCTCCTCCGGTAGCCTTGGAGGGAAGGGAGGAGGAAGG
 GCTGGAGGGGCTGAAGGAGCTGCAGTGGGAGCTGCCCTGCAGGACGAACCTTTATACCAGACTTACCGA
 GCAGCTGTGCTGTAGAGGAGCTGTGGGTGTGGGTGAGGATGGGGTCCCTCTCCAGCTAATCCTGGAG
 AAGTCCCACCTTCTCCAGGCTCCCTGGACCTCGAAACACTCTGTGGCAGGAGCTCCCGGCTGTGCGAGG
 CAGTGGTCTCTTAGAGAGTCTAAGCCCCAGAAAGGCGCATGCAGGAGAGCCTGTTTGAAGTGGTGACA
 TCAGAGGCTCCTACCTGCGCTCCTGAGGCTGCTGACCGACACCTTCGTCTGAGCCAGGCTCTCCGGG
 ACACCCTCACTCCTCGGGATCATCATACGCTCTTCTCCAATGTGCAGAGAGTCCAGAGTGTGAGTGGC
 GTTTCTAGGAACACTGCTGTACAGTGTTCGTTCTCCACACATCTCTGACCTGTGTGACGTGGTGCAC
 GCCCAGCAGTTGGTCTTTCTCCGTGTATGTGGATTACGTTCCGAAACCAGCAGTATCAAGAGGAGACGT
 ATAGCCGCCTTATGGATACAAACGTGCGATTCTCTGCGGAGCTGCGCAGGCTACAGAGCCTCCCAAATG
 CGAGCGGCTCCCACTGCCATCTTCTGCTACTGCCCTCCAGCGCATCACCCGCCTCCGGATGTTGTTA
 CAGAATATCCTAAGCCAGACAGAGGAGGGTCCAGTGTGAGGAGAATGCCAGAAGGCCTTGGGTGCTG
 TGAGCAAGATCATTGAGCGCTGCAGCGCTGAGGTGGGGCGCATGAAGCAGACTGAAGAGCTCATCCGACT
 CACCCAAAGGTTGCGCTTTCACAAAGTCAAGGTTGGCTTAAGGGGCTTCTGGAGCTTCCCTGCCAAC
 TGGTGTGTGAAGTACAGGAGAACATGAAAGGAGAAAGCATCTTCGCCAGCATCAGAAGCTCCTTAGGGC
 TGCAGGACCTCTCAGACACTCCTGACACCCCTCAACCTTAGGGCAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204833 representing NM_001105789
Red=Cloning site Green=Tags(s)

MSAQLPAATPPTLKPPRIIRPPPSRHRAPHSPGPPHNGSSPKALPQISNDASASVCTSIFWEPPTGSL
 KPPALLPPSVSRASLDSQTSPPSPSPVSRRSISPEPAPCSPVPPPKPSGSSRTPLPLGPVPLQD
 GSASAPGTVRRLAGKFEWGAEGKAQSADSLERCSQGSTDVNGEKETLQVGLSGNGSQENGPAPKGLLELR
 WVPVGSDDILRAPCRASPLRASRSRINPPVISHPPVVLTSYRSTAERKLLPPLKPPKPTRVVRQDTSTSG
 ELPQPDLELPSEDTGIAAPKAWEGDRPEEAPQNAPPPVALEGREEEGLEGLKELQWELPLQDEPLYQTYR
 AAVLSEELWGVGEDGGPSANPGEAPTF SRLPGPRNTLWQELPAVRGSGLLESLSPQERRMQESLFEVVT
 SEASYLRLRLLTDTFVLSQALRDTLTPRDHHTLFSNVQRVQSVSERFLGTLLSRVRSSPHISDLCDVVH
 AHAVGPFVYVYVRNQYQEETYSRLMDTNVRFSAELRRLQSLPKCERLPLPSFLLLPFQRITRLRMLL
 QNILSQTEEGSSRQENAQKALGAVSKIIERCSAEVGRMKQTEELIRLTQRLRFHKVKVGLRGFLELSLPN
 WCVKSQENMKGESIFASIRSSLRLQDPLQTLTPLNLRAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001105789

ORF Size: 2010 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

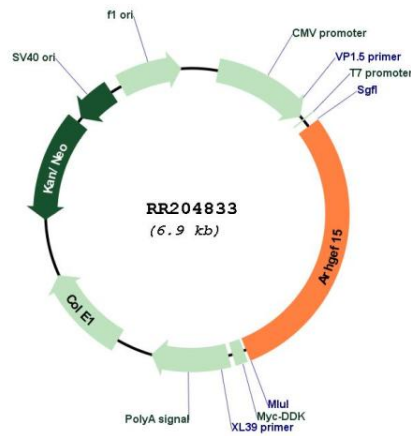
RefSeq ORF: 2013 bp

Locus ID: 287418

Cytogenetics: 10q24

MW: 73.3 kDa

Product images:



Circular map for RR204833