

Product datasheet for **RN207858**

Arhgef18 (NM_001107115) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef18 (NM_001107115) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207858 representing NM_001107115 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCATCAGCCCTGGAGGACCCCACTCCAACCTCACCTGGTTCGAGTTCCTGTGAGAGCGAGGATG
GTGTGTGCAAGAATGAGAAGACGGACAAGAGCACCAGAGTGAAGCGCAGCCTGAGCTCCCTCCGACGAG
GGTCACGAGGCAGAAAGGAGAAGGGGAAGAACCAGCACATCTAAAAGATAAGATTGAGATGTTCCAGGA
AAGCGGGAGTGTGTCAACGGGCACCAGCTGGTTCGAGGAACCTTCCGGCCACTCCAGCTCTCTCTGT
GTGGCAAACCTTTGCTGAGCTCAGCTTGGTCTCGCACGGCACACCCGCTTCCGGCTCCTGGAGGCCGGC
GGAGGCTGCGAGAGCGACCCGGGAGCCAGCAGGGCGGAGAGCGGCTGTGAGGGACCCCGGAGCCCTCC
CTGAAGGAGCACCCCGACCGCACTTCTGTCTGATGGCAGCAGCCGGCTCCCTCCCGAATGTCGGCA
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CAGTCAGCCGCTGTTCCCATGCGCCGACGACTTACTGGACATGCACAGCCACTTCTCGCCCGCTTAA
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ACAAGGATGCGGTGCGGCACTACAAGTTACTGTGTCAGCAGAGCAAGAAGTTTAAAACCTTAATCAAGAA
AATTGGCAACTTTTCCATCGTGCAAGGCTGGGAGTGCAGGAGTGTATCCTTCTGGTACACAGCGTATA
ACCAAGTACCCGGTGCTAGTGAACGCATCATCCAGAACCGGAAGCTGGCACTGAGGACTACAAGGACC
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CGGGGCGCTTGAAGATGTCCTCGCTGTCTGTTGACCGATGTGCTTTTGTGCTGCAAGAAAAGGATCA



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AAAATACGTCTTTGCTTCTGTGGACTCAAAGCCACCCGTCATCTCTCTGCAAAGCTCATTGTGAGAGAG
 GTAGCCAACGAGGAGAAGGCCATGTTTCTGATCAGCGCCTCCATGCAGGGACCAGAGATGTACGAGATCT
 ACACCAAGTTCAAAGAGGACAGGAACATCTGGATGGCCACATCCGACGGGCCGTGGAGAGCTGTCTGA
 CGAGGAGGAGGCCATTTTCTCGAGGCTGAGGAGAGAAGGATGGCTGAAGCCCGCACCATGAAACTCCGG
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 TGTGACACCACCACCCAGTGGCTGCTGCGAGGAATCACACAGGCTGTGGAGATGCCTAGCGCAGAGA
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 CGTGAGAAGCAGTTCGGCTGCAATCAACGCGTGGGAACCTGCTTCTAGAGCAAGAGCGGAACGCAACT
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 ACCAGCATGATCTGGAGCGTCTGCGCGAGGCCAGAGAGCAGTGGACCGTGAACGTGAGCGCCTGGAAC
 ACTGCGCAGGTTCAAGAAACAGAACTGTACCGGGGCACTGCCCCGGAAGTGTGGCAGAGGCCAG
 CCTGCAAGCCACCCTCTCAACTTCAATGGGGATGGGCTGGAGGGCCACTTGGCCCAAGCAAGCACCAG
 GAACACAGGGGAGCATGTACACGGCACAGGACCTGAGTACGGAGAGCGAGCTGAGGTGGCCCGTGGGA
 CAGTGGCCCTGCTGAGAGCCGGCCAGCCAAGAGTGTGCCCCATCCAGCTGCTCAGTGCCACCAATCAG
 ATTCAGAGGCAGACAGCCGTGCAGCAGCAGATCCCCACCAAGTTGGCCGCTCCACCAAGGGGGCAAGG
 ATAAGAACAGCAAGAGCAGGGGTTCCAGCGCTGGGAGAGCTCAGCATCCTTCGACCTGAAGCAGCAGCC
 ACTCTTCAACAAGCTCATGGCAAGGACGAGAACGCGTCCCGAAACCGCCGCTCACTGAGCCCCGTCTTA
 CCTGCAGCCCATGGATCTGCACCTGCCAGACCCTGCTTCCAGCCCCAAGCCCGGTCCCGGCCGCCA
 CAGCCCCGAGGCCTTCAAGTCAGGAGGCAGTCACTGCCACCTGCCTCCCCAGCTCCCTCGCTGCCAAC
 CACACCGCCACCATCACAGATGAAGTTGGCAAGGAAGACGTCATCTTCTTGA

ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-NotI
- ACCN:** NM_001107115
- Insert Size:** 3555 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_001107115.1](#), [NP_001100585.1](#)

RefSeq Size: 6131 bp

RefSeq ORF: 3555 bp

Locus ID: 304193

Cytogenetics: 12p12