

Product datasheet for RN205717

Arhgef12 (NM_001013246) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arhgef12 (NM_001013246) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arhgef12
Synonyms:	Larg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205717 representing NM_001013246 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTGGCACACAGTCTACTATCACGGACAGGTTCCCTCAAAAACCTATAAGGCATGGAAGTATTT
TGAACCGAGAGTCACCAACAGATAAGAAACAGAAAGTCGAACGCAGCACATCACATGATTTTGACCCAC
AGATAGCTCCTCAAGAAGACAAAGTCTAGTTCAGAGGAGAGTAGATCCGAGATCTATGGTCTTGTTTCAG
CGCTGTGTGATCATCCAGAAAGATGACAATGGATTTCGGGCTGACAGTCAGCGGGGACAATCCAGTCTTCG
TACAATCTGTCAAAGAAGATGGAGCAGCCATGCGCGCTGGAGTACAAAACAGGTGATCGAATCATCAAGGT
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GCTCTCACTGTCCAGGGACGCCACCTGGGTCGCCCCAGATTCCACTTGCTGAGTCTGAAGTAGAACCAT
CAGTCATTGGACATATGTCTCCATTATGACATCCCCTCATTCCCCTGGAGCAGCCGGGAACATGGAGAG
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TGAAGGAGTTCAGGATGCTGACACACAGTCGTTGGTCGGCAGTCCCTCCACCCGTGGCGCCCTCATATT
ATCGGAGCAGAGGATGATGATTTTGGTACTGAACACGAGCAGATCAATGGACAGTGCAGCTGTTCCAGA
GCATTGAGTTGCTGAAGTCTCGCCCTGCCACTTGGCTGTTTTCTTACCCATGTAGTCTCACAGTTTGA
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AGGAGCGAGCATGTGCGGAACAGATCGTTACCAAAATTGAAGAAGTGTGATGACTGCTCAGGCTGTAGA
 AGAAGAAAGGAGTTCCACAATGCAGTATGTAATTCATGTATATGAAGTATTTGGGAGTAAAAGTGAAA
 GAACCTCGAACTTGGAGCACAAGCGGGTCGGATCGGCTTCCTTCCAAAGATCAAGCAAAGCATGAAGA
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 GCAGAAAAAAGCAGCGCTTGAAGACTATCAGCGTCGCCTTGACACCTCCAGTCTCAAGTTGTCTGAGT
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 ATTCGTCATCTCCATGTCAGATAATGGAGCCCAATTTATGAATTGGTAGCACAGACGGTTTCTGAAAAG
 ACGGTCTGGCAAGACCTCATCTGTCGGATGGCCGCATCAGTGAAGGAGCAGTCCACAAAGCCGATCCCC
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 CAACACAGTTTGAAGGAGCAGCATGCAATGGGACCTTCAAGGAAGGTGATGGCGGTATCCAGTCCAC
 AATCTCAGATCCACACTTGCCTGTGTCAGAGGAGCGGTGGGCATTGGACGCACTGAGAAATTTGGGCTTG
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 CAAGATACAGACCGGCTTCTGAAGAGGCACAGGCGGACAGTGGCATTCCGGACTTGGAAAGTGTTAAGGC
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 CGGACTTCAACTGAGTCTGTGCTGTACAGGATTCGGTGTACTGGCTTCCCAAGACAGCCAGGCAAGCA
 ACATCATAGAAATGGACCACATGCTCCTGACCCAGAGGTGCCTACTACTGCAGAGCCAGAGGGGGTCT
 GGATGACAGTGGAGAGCACTTTTTGATGCCGTGAAGCACATAGCGATGATAATCCATCTGAAGGTGAT
 GGCGCAGTCAGAAAGGAAGAGGAGGATGTTAATGTGCGCATCTCAGGAACTGTTTGTGCTTGTGCTGCT
 ATGATGCAAGTGCAGGAGAGCTCCACAGATGAGGAGATTGCCTCCTCATTACCCTGCAGCCTGTGACAGG
 CCTCCCTTCTGTGGACTCCAGCCACCAGCAGCAACACTCCCTCAGAATGCCATTTCCGAGGGGGCGATT
 TCACCATCCACCCAGAATTCCTGGTCCAGCGACGCTGGAGAGCTGTGGATGCTTGTGCTGCTGAGGTCCAGA
 GTCCCTCTGCTTGGACAGATTCAAAAGCCAAATCCTGGAGTACATTCATAAAAATAGAGGCTGACCTGGA
 ACATTTAAAGAAGGTGGAGGAAAGTTACACCCTTCTTTGCCAAAGGCTGGCTGGCTCAGCCCTCCCCGAC
 AAGGTCTCAGATAAAAGTAG

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001013246

Insert Size:	4641 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_001013246.1</u> , <u>NP_001013264.1</u>
RefSeq Size:	4668 bp
RefSeq ORF:	4641 bp
Locus ID:	367072
Cytogenetics:	8q22