

Product datasheet for **RN204888**

Akap17a (NM_001127246) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akap17a (NM_001127246) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akap17a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204888 representing NM_001127246
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCAGCCACCATCGTGCACGACCCCTCGGAGGCGGTGCCCTGTGCCCGGCGCTGGGCCTGTACC
 TGAAGCCAATCGCGCGGGTGACAATCTCGGTGTGCTGCCCCCTCGCCCCCAGCTCCGCCCCCTTCGCC
 TTCTCGACGTCCCCACCCCGCGTGCGCCAAGTCGTGCAGTGTCAAACGGGAGGTGATGGAGGGACTG
 CGGGCGATGGCACAGGGGCACGAGCGCCGCTGTCACTGCGCCTGGCCCGGGCGGCCCTGAGGTGCG
 TGCGCTTTGAGGGCGAGGTGAGAACGGGGCGCTTGTGCGTCCCGCACTCGCTGGCTGGACGGCAAGAC
 TATGATGCTCAGCGGCCCTCCCCATGGCTGCGTGTAAAGCGCGCTGAGGCCACGCCCCACCCACAGAT
 GACCCCGCCACCCTCATGACACCATCCACCTCAGGGCCTGCCCTGCCGCTGGTTTGCGCCCGTGGGG
 GCAGTGGCGGGGATGAGGCTGGAGGCATTTCTCCCTGGTGGCATTGCCTCAGCAGAGAGGCCAGCGA
 GGCTCTCTCGCCAGGCTTTCCGGGCGTTTGGTGGAGATCCGCCATGTGGACATTCATGCTGGACCCCT
 TACCTTGGTGGAGACGGCAGCCATGGCGGGGGCGGGGGCGGGCGGCTCCGCTTCGAGGCCTACGTTCA
 ACCGAGAGCGTGATGCCTACGCCGTGCCATGGCTGCCCTGCGTGGTGTAAAGCTCATGTTTAGGGGCAC
 GGACGGCAAAGCTGTGGCTGCGGCATCAAAGTGACATCAGATGCCACACAGCACCTGAGCGAGGCTTCG
 ATCAGACGCCGCGAGCTGGAGCGGCAGAAACTACAGGAACTTGAGCAGCGCGGTGAAGAGCAGAAGCGGA
 AGGAGCGTGAGGATGAGGCGCGGGCGGGCAGGCCAGCGGAAGCAGCGGGAGGCAGAGCAGCAACAACG
 GGCACGGCGTCCGGAGGAGAAGCTTCGGCGCAGAGAGGCACGGCAACGAGCAGGAAGAGACGAGGCCGA
 CGTCGAGAGGAGGAGGAGGAGGAGGAGGAGGCCAGAGCCCCAGCCTGTGTTGGGGCGTGAGGAAGGAAGGTG
 CAGAGCCCCGCTCGGCTACTGCTCGCCACGCGCAACCTGCAGTCTGTGCGGCTCATTGCTCCCTGCTTGC
 CCGCGCTGAAGCCGCCAGACGCCCGCAGCGTGAGCAGAGCGAGGAGCGAGTCCCATGCAAAGGAGGCA
 GAGCTTCGGCGCCAGCAGGAGGCAGAGCTTCGGCGTCCAGAGGAGGCAGAGCTACGCCGAGTGGAAGAGG
 AGAAGCGCGGGCACTGGGACTGCAACGTCCGGAGCGTGAGTCCGACATCGCCTCCTTGCCTGTGCT
 TGCCCGGGGGCTGGCTTGGGGCGTCTAGTGGCGGAGCCGGGACAGGAAGTGACGTTTTGGGGCTGGG
 AACAGCAAAGATGGCTGTGGGAGTGCCATGGGGAGGCAGGACAAAGCCAGACAATGACAGGAAGTGAAA
 TCAGGGGAGATGGAAGGGAGAATATGAAGACAGGAAGTGATGTGGCTACCTCAGGAAATGGCCACATTGA
 CAGAGAAAATGAGAAAATAAAGACAGGAAGTGGGATCCCAGCCACAGGAGGTGGTACTGGGGACCAAGA
 GGTGCGGACAAAACAGGAAGTGTGTCACGCCGACAGGAAGTGATGCAAAGACAGGAATGGTGCCA
 GAGGGACAGGAGGTGGCCGGGAAGGGACCAATTGCAAAGACGTGGTCCGAAAAATGACGACAGGAAG
 TGGCAGCCCCGAAACAGGAAGTGGTGTGGCCAAGATGGCGACAGTAAGTGCTAGCAATGAGACCGAAAGT
 TCATCTGCCAAGCTCAAAGCCATGCCAGTTTCTGTAGTGACCGGGAGAGATGTGGCCTTGGGGCCGCC
 CGTCTGGCATTCCCGTGACTTTGGGGCAGTTCAGGACAGTCTAGAAGCCGTGAAGGCAGTGAGCGCCG
 ACGCCCCACGAGGAAGAGGACGGCGGTGGGCGGGACCGGAAGCGCGGACACCGCCATCGTGAGGACCGT
 GGTGCTCGAGGTCTCGATCCCCCGGGCGCCGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001127246

Insert Size: 2136 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_001127246.1, NP_001120718.1</u>
RefSeq Size:	2574 bp
RefSeq ORF:	2136 bp
Locus ID:	288526
Cytogenetics:	12q11