

Product datasheet for **RN214391**

Akap8l (NM_001013946) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akap8l (NM_001013946) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akap8l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214391 representing NM_001013946
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTACACAGGCTTTGTCCAAGGATCCGAAACCATTTCAGTCTACCTACTGTGACACCAGTGCCC
 AGCCACCTGTGATTATGGATATGGAACCTGGAACCTCTGGGACAAATAGAGGCTACGAGAAGCTATGGTTA
 TGGCTATGGCTATGGCCAGGATAACACCACCAACTATGGGTATGGTATGGCCACTTCACACTCTTGGGAA
 ATGGCTAACTCTGACACAAATGCAAACCTAGTGCCTCGGGTAGCGCCAGTGCCGATTCCGTTTTATCCA
 GAATTAACAGCGCTTAGATATGATGCCACACTTGAGACAGACATGATAACAAGGAGGTGTGTACGGCTC
 AGGTGGTGAGAAAGATATGATTCCTATGAGGCCTGTGACTCAAGGGCCATCCTGAGTGAACGAGACCTC
 TACCGGTCGAGCTATGACTATGGCGAGCTTGACCCTGAGATGAAATGGCCTATGAGGGTCAATATGATG
 CCTACCGTGACCAGTTTCGAATCGTGGAGGAGATACATTTGGTCCAAGGGCTCAGGGCTGGGCCGGGA
 TGCCCGGAGTGGACGGCCAAATGGCTCGGGCTATGGGCGCATGTGGGAAGACCCATGGGGGCCGGGGC
 CAGTGCATGCCTGGTGCCTCCCGGCTGCCTCCCTCTTCTCCAGAACATCATACCCGAGTATGGCATGT
 TCCAGGGCATGCGTGGTGGGGTGCCTTCTCTGGTGGCTCCCGATTTGGCTTCGGATTTGGCAATGGCAT
 GAAGCAGATGAGGCGGACCTGGAAGACCTGGACCACAGCGGACTTCGGACCAAAAAGAAGAAGAGAAAAG
 CAGGGTGGCAGTCTGATGAGCCAGACTGCAAGGCTACCAGAACAGACTGCTCAGACAACAGTGACTCAG
 ACAACGATGAAGTACTGAGGGGGAAGCTGCAGAGGGTGTGAAAGTGTGAGGCTCTGGAGAAAGGCTC
 CCGAGCAGAAGGAGAGGACGAGGAGGGAAAAGAAGATGGGAGAGAAGAAGGCAAGAAGATTTGGAGAAA
 GGGGCCCTGACCGCCAGGATGAGAGCAGCCAGGCCAAGCGCAAGTTGCAGGCAAGCAAGAAGAGCCAAG
 ACAACAGAAAAAGCGGCAGCGGACCGTATGGTGGAAAGGATCCAGTTTGTCTGTCTCTGCAATA
 CCGGACCTTCTATGAAGACGAGATGGGTAGCCACCTTGATAGCAAGTTCCACAAGGAACACTTCAAATAT
 GTAGGCACCAAGCTTCCAAGCAGACAGCTGACTTCTGCAGGACTATGTACCAACAAGACCAAGAAGA
 CAGAGGAGCTCCGAAAACTGTAGAGGACCTTGATGGTCTGATCCAACAATCTACAGAGACCAAGATCT
 GACCCAAGAAATTGCTATGGAGCATTTTGTGAAGAAGGTGGAGGCGGCCATTGTGCAGCCTGTGACCTT
 TTCATCCCATGCAGTTTGAATCATCCAAAAGCATCTCAAGACTATGGATCACAACCGAAACCGCAGGC
 TCATGATGGAGCAGTCCAAGAAGTCTCGCTTATGGTGGCACGCAGTATTCTGAACAACAAGCTCATTAG
 CAAGAAGCTGGAGCGATATCTTAAGGGCGAGAATCCTTTTACTGACAACCGGAGGAGGAGAAGGAACAA
 GACGAGGTGGAGGCTGGCGCTCTGGAAGAAGGGGCACCAAGCGAAGCGACAGGGCTCACAGAAGGCGTGT
 CGGTCCAGCCCCGGTGCCTGGAGCCACCCGGGGACTGCAACCCGCCACCTCCGCCACCACCAGA
 GGAGGAGAACCAGTACCCTTGCTGGGCGGGCGCTACAGTGCCAGATCCCGGGATCCCGGGGCTCGAC
 GTAGAAGACGACGAGGAGGGCGGTGGGGTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013946
- Insert Size:** 1926 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_001013946.1](#), [NP_001013968.1](#)

RefSeq Size: 2194 bp

RefSeq ORF: 1926 bp

Locus ID: 299569

Cytogenetics: 7q11