

Product datasheet for **RN214480**

Akap3 (NM_001005557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akap3 (NM_001005557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akap3
Synonyms:	MGC93915
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214480 representing NM_001005557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGATAGGGTTGACTGGTTACAAAGTCAAAGTGGCGTTTGCAAAGTTGGTGTCTATTCACCTGGAG
 ACAACCAACACCAAGACTGGAAAATGGATTCATCAACAGATCCTGTCCGAGTGCTCAGCTGGCTCCGCAA
 AGACCTGGAGAAAAGTACAGCAGGGTCCAGGACTCGAGGTTCAAGCCTGGAGAATCATATTTGGGGAG
 GAAGTGGCTTACCCAGGAGACCAACGAAAAGTTTCTGCGTTGATTATTACAATACCACCAACAAGGGCA
 ATCCAGGGAGATTGCATTTTGGATGTCTCACAAGGAGACCCCTCCCAGGGCCTCATTGCCATGTTGG
 TAATGGGGTTCCATAGACGAAGTTTCTTCTACGCCAACCGCTCACAAACCTAGTGATCGCCATGGCC
 CGAAAAGAGATCAATGAGAAGATTCATGGTACTGAAAACAATGTGTCCACCAGTCATTGTATATGGGGG
 ATGATCCACACCCCAAAAAGCTTGAGTACAGTACGTTCTGAGCTCGTGAATGAGACAGTCAGTGCATG
 TTCCAAGAATATTACCGGTGACAAGCTCCCGCTCTGGAGACAGGGCCTTGGCGTCTTACAGAGCCCT
 GGTCTAAGATTACAAGCACTCTGAAGATCAAGGAGAGCACGAAGGAAGGCAAGTGTCTGACAACAAGC
 CTGGTTCTAAGAAGTCTTCTTCTACAAGGAAGTGTGGAGTCTCGGAATGCAGGAGATGCCAAGGAGGG
 TGGGAGGTCTTACCTGGAGATAGAAAAGTGTTCAGGTGCCCGGACAGGCCTGACGACTTTTCCAACCT
 ATCAGTCAAGGGATCATGACCTATGCCAACAGTGTGGTGTCTGACATGATGGTGTCCATCATGAAGACAC
 TGAAGATCCAGGTAAGACACAACCATCGCCACTATTCTGTGTAAGAAGGTGTTGATGAAGCATGCAAA
 AGAGGTTGTCTCCGATCTCATCGACTCCTTCATGAAGAACCTCCACAGTGTACAGGGAGTCTCATGACT
 GACACAGACTTCGTCTCAGCTGTGAAGCGAAGTTTTTTTTCTCATGGAAGCCAAAAGCTACAGATATCA
 TGGATGCCATGCTGGCAAGCTATACAATGTGATGTGTGCAAGAAATATCCTGAGAACAACAGGAAAGC
 CAGGGACAAGTCCGAGAGTTACTCCCTTATCTCCATGAAATCACGACCTGGTGACCCAAAAGCTCTCAAC
 TTGAACCTTTCGATGAAATCAGAATCAAAAAGTGAAGAAAATTTGTTTTCTGCATGCATATCAGAGAAAG
 AGAAGACATGCGCTGAAACTCTGGGTGAGCACATCATTAAAGGAGGGACTGAACATGTGGCACAAGAGTCA
 GCAAAATCTCCTGGCTTGGAGCGTGCCACAAAACAGGGCGCCGTTCCACAGGAGGTCTCCTTTGAGTGT
 CCGGATCCTTGTGAGGTAACCCCTTTCAGCAACCTCAGCCACCAGAGAAGCTTTGAAAATTTTATGTGTG
 AATCAGACTCCTGGCCAAGGACCTGATTGTATCTGCCCTGCTTCTGATTAGTACCACCTGGCACAGGG
 AGGAAGGATGGATGCTCAGAGCTTCTGGAAGCCGCCAGCACCAATTTCCACCAAGTCTCTCTCT
 GTAGTTATGATGAGGGCAAAGTAAAGTCTCCTCCCTTAAAGATATGTGAGCAGGAACAACAGAAAAGA
 AAGATCTGATGAGTGTACATCTTCAATTTATCCGGAATTAAGTACTCAGTGAAGCCATATTCAAGGGTAGCCG
 TAATTGTGAGTCCAAGGCTCACGAGCAGATCATTAAAGGAAGAAGAGATCAACCTATGTGAAAGGCCCTCTG
 TCTCCATGTGAAAGGCCATGTCCCACTGTCCCGAAATTTCTGTGAGGATGAGGAGGCCACTGGTGGTG
 CCTTATCTGGGCTAACCAAGATGGTCGCCAACCAGCTAGATGGCTGTATGAATGGGCAGATGGTGGAGCA
 TCTGATGGACTCGGTGATGAAGTTATGCCTCATTATCGCCAAGTCTGTGACTCGCCCTTGTGAGAGCTG
 GGAGACGAAAAGTGTGGGGATGCCAGCCGGCCGAGTCTGCCTTCCCAGATAACTTATATGAGTGCTTAC
 CAGTCAAGGGCACGGGGACAGCCGAAAGCCCTCTGCAGAACGCCATCTAGCCATCCACAACGAAGTGAAG
 AGGTTTGTGAGGACAGCCACCCGAGGGCTGTGAAATCCCAAGGTGATCGTCAGCAACCAACAATCTGGCT
 GACTGTCCAGAACAGCAGCTGCAAGCTGTCTTTCAGTGGGTGGCTGCCTCAGAGCTCAATGTCCCTA
 TTTTGTACTTCGCTGGTACGATGAAGGAATCCAGGAGAAGTGTCTCAGCTCTCAGCCACTGCTGTGGA
 GAAAGGCCGAAAGCGTCGGGGAGGTTCTGCACTCGGTGCTTAGGTATGAGAAGGAGCGACAGCTGGATGAG
 GCAGTGGGAAATGTCACGCGGCTGCAGCTGCTGGACTGGCTGATGGCAAACCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001005557
Insert Size: 2577 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_001005557.1</u> , <u>NP_001005557.1</u>
RefSeq Size:	2889 bp
RefSeq ORF:	2577 bp
Locus ID:	312720
Cytogenetics:	4q42