

## Product datasheet for **MC225016**

### Akap11 (NM\_001164503) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Akap11 (NM\_001164503) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Akap11  
**Synonyms:** 6330501D17Rik; AKAP220; Gm80; mKIAA0629; PRKA11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225016 representing NM\_001164503  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCTTTCCAGCCCTCAGGAGTAGTCACCTAAAGAGCAAAGCGTCTGTCCGAAAAAGCTTCAGTG  
 AAGATGTGTTCCGGTCTGTAAAGTCTTTATTACAGAGCGAGAAGGAGCTATGCAGTGTATCAGGAGGAGA  
 GTGTTTAAACCAGGATGAGCACCCAGTTAACTGAGGTCACGTTTCTGGGCTTTAATGAAGAAACAGAT  
 GCTGCTCATATACAGGATCTAGCTGCAGTTTCATTGGAACCTCCAGATCTTCTGAATTCGCTCCATTTTT  
 GCAGTCTAAGTGAAAATGAAATCATTGTATGAAGGATACCAAGTAAATCGTCCAATGTAAGCAGTAGTCC  
 TCTAAATCAGAGTCATCATTCCGGGAATGCTTTGTGTGTCATGAGAGTGTACCTACATTACCGGGACTCAGA  
 ATTGATTTTATCTTTAGTCTCCTAAGTAAATATGCTGCTGGCATAAGACACACCCCTGGACATGCACGCGC  
 ATCCGCAGCACCCCTTGAGACCACTGATGAAGATGATGATGATACCAACCAGTCTGTGCTTCCATAGA  
 GGATGACTTTGCTACTGCTTTTGAGCAGTTAGAGGAGGAAGAAAATGCAAAGCTATATAATGATGAAATA  
 AATATTGCTACACTAAGGAGCCGGTGTGATGCTGCTTCTCAGACTACTCAGGCCACCATTTAGAAAAGCC  
 ATGATTTAAAAGTGTGGTTAGTTATGGATCACCGAAGTCACTGGCTAAGCCCTCACCTTCAGTAAATGT  
 ACTGGGACGCAAGGAAGCTGCTTCTGTGAAAACATCTGTTACAACATCGGTTTTCAGAGCCCTGGACCCAG  
 AGGAGTCTCTACAGGTGCCCCAGTGCCTCCGATAAAGACAAGGACACACAGGAGACATTCTTTCCTTCTC  
 CTGTCTACTCCTCAGAGTCTGAGTGTCAAGCCCAAGTCTGTGATTTTTTTGGATGAAGAGGGATATCA  
 AAAAAGTTTAAAAGCGAAACTTGAGCTGCCTGAAATTCCTGTGACAAAAGATGATGTAGAAGATTGAGAC  
 TCAGAAGTGAGTGAATTTTTGATAGCTTTGATCAGTTTGTGAACTAGAGCAAACCTTTGGAGACTTACT  
 TGCTCATGGAAGATCCTATCATAGGGAAGTCATCACAGAAGATAGGGCACAAATATGAAAATCTTGAT  
 GAATCCTCAGAAATCAAGTTTGAGCGTCCAGCTCTCCAGCTAATGTTAGAAAGCCAACCTCCTCGCAA  
 CCTGAGTCTCCGTATGGTCACCTGTCTGATGCTCCAGATTCCTCGTCCGGTGTGACATCAGAGGATA  
 GTGGCTTGTTAGCCCTATTGAACTCAGCTTTTAGTCTCCTGGAAGCTGTACTCCTGCTGAATGGTT  
 TTGCCAAACAGATACTAGTGAATAAGGAATCATGAAAATTAAGTCACTTATGAGGATTATGAAAATAAT  
 CTTTCGTGTGAAGTACTAGGCTCAGTTCTCATACTCAACATGCAACACAATGTCAGATATTAATAGTA



[View online »](#)

TTTAAAGGGGAAGAAATCATACGGTAACCTTTAAGTATGGAGACTCTGATCAAAAAAGTAAATGTAAAA  
 ATCTTCAGTGATTACAGGTAGCGTTTCAAGTTTGCAGCAGATCTTGTGGGGAAAAGTTGGGCAGTGCG  
 TTTAAAGACTTACAGAAAGGAGTTTCTTCATGTACCAATACCTTATGCCACTTAGCTGTCAAATTGACTT  
 CGTCTGTATTTACAGATGGCATTAAATGAACCTAGAAGGCAGTGTGCATTTTCACTAAAAGAACGAGCCAT  
 TGGTAGCCTGGCCAGTCTTTGGTGAGTGATGCCTTATCAAATGCCTTGAAGACTTACAGTATGTAAAA  
 AAGCAGATGTTTACAAACACAGTTGCTAGGTTTGTCTGCGGACCTTGTCTGAAGAACCTGTTTTTGAAGGTA  
 CATGGAAAGTGTGCAGTTTTCATGTCTTCAAACACCTGCATCTTACAGTGTGCAGTGTGACTTTTGA  
 AGACAAAAGTCGTGAAGTCTATGCCAAAAGATTTGTCTGAATCTGTAAATACAAGAAGCATTATAGAAGT  
 TCACAGACTAATGTGACGTTTACAACAAAAGGCAGCAGTTAATGTTTCTATGGGTAATGTCAAGTATGTGA  
 GTGCAGAAAAGTGTATCACCTACGCAGACCTTTACATTTTCTCATCCTTACGCGGTCAAGCAGTTATGAT  
 GACAAAACCAATGCAGGAGCATAAGAAGGAATACACAGTGCAGCAGGCTTTGTTTTGTACCTCAGGAATT  
 GTCACTTCTATACCAGTGCCTTTGGCCGGTAGTGCCCTTCTCCCGTATCATATGTCATCTACTTTGTATC  
 CTTCCAAGTGTCTTTCATCTGAGCCTAGTAAAGCAAGTGGTGGCTTACCCAAGAACACATTGCCATAGA  
 ACGCAGTGCAGAGGAAGTAGATTGTCTCAGAAGTACCTGTCTACCTTCAAGACTCAATCCATGCAACCAG  
 AATGACTTCAAACCAACTAATGGTGATATTGACAGGCAGAGTCTTCAAAGTTAATGAGTGGCCCTGTAA  
 TTATTAGCAACTTTTCCGCAGCAATGGTACATACAATAGTAAATGAAACCTTAGAGTCCATGACGTCCTT  
 CAAAGCTACAAAAACTATTGATACAAAATGCAGATTATTTAACTAAAAACAATAAAGGGAAAAGCCTGTTCT  
 CCTTCCCTTTGTGACCAAGCAGCACACAGGAGAACAAAGCTAGCAGTAAGGACATGTTTGTGAGCAGT  
 TATCAAAGTCTATTATTAACATTTCCCTGGATAAAAGCAAGTCAATGCTTCCAAATAGAGATAAAAAACC  
 CGGTAGTAAGGAACACGTGCTTGTCTTGGAGAAGAATCACAGATGACCTTGGGGAAAACCCCAATTC  
 CTTGACTTTTTCAGATAACTCACCTCATCGTTTACTCCTGGTTGAAAACCTATTGTGTCGAGAATGTAAG  
 ATCTGTGGGTTTTGGATTTTCTCTAGAGGCAGTCCACCTTGTCAATGATGACAAATCAGAAATCTGA  
 CTTAAAGGAAGTTGTGAAGGACAAAGAAGTGACAAGGCACAATTTGAATAACTGCATCTGAGCCCATG  
 CCTTTTGGACAGGAAAGTCTTTCCGTCACTCACAGACTTTCTCATCTGCAGTGCTTACCTGTGTAGATG  
 GTTTGCATGAGGAAGATAAGCAGAAAATCCGAGACAGAAAATGTAATACCTGATACTCCCCATCGACTCC  
 TTTAGTGCCATCCAGACTAGTTCTGAATGGGACATCAAAACATTAAGCAAACAACTCAAGGGGAGTTA  
 GCCAAAGAATTTGCACCCGCAACACCACCTTCAACGCCTCACAACCTCATCTGTTGGTAGTTTGTCTGAGA  
 ATGAACAACTACTATAGAAAAGGAAGAATTTATGTTGAAGCTCATGCGCTCTTTTTCAGAAAGTTGA  
 GAGCAGTGAAGGTGAAGAACACCAGGAATGCATGTAAGGCAGAGCACCCGGGAAAAAAGTCCAGTTT  
 GCAGAAGCATTGCCACACACATCATTTCTCTTGAACCTGAAGCGGCAGCCTCCCACTTAGATCATGAGA  
 CTACTCAAGAATTCAAGTTCAAACCCCTCACTTAAATGTACCAAGTCAAAGAAATGTGCTGCCAGCTTT  
 AAGTCATTCCGATGAAAGCATACAGACGTGCACCTTTGCAAGTATATGGCAGCTGATGTATTGCAGAA  
 GCCGAGAAGATTGCAAACGCTAGAAGCTGTATGCTTTTTCAGGCATGAGAGGAACATTTGTATGTTGAAG  
 GTGGCCGAGGTAAGCAGAAAGAGAAAAGTGGATGTGGAAGATGTTGCACATCCAAGAGAAGTCGATACTTG  
 TGTCTTTTCACTACCAAGTGGCATGCCAGGTCTGACATACAAGTATCCCAGTTGTGAAAGTGTGACTGAT  
 GAGTATGCAGGGCATGTTATTCAGGTGCTCCAACAGCAAGGTGGCAGTGGAGAGCTAATCATGGAGCAGT  
 ATGCCAGCAGACTGGCCTACCGGTCTGTCACTGCAGCAGCTCGGGAAGCAGCTAAGACAGTGAATAAGAA  
 GTGCGGTTTCGAACTCTCCCTCTGCACGGCTGTATGGGAAAACAAACAAGGAAGTGTGGTGTCTCA  
 CATGTGAAAGGACACAGGATCCGTGTAGAAATGAACTTTCTGAACTGTACAGTTTTTTCAGCCTCTCTTGC  
 TAGCAGCATAACAGAGATGCAAAGAAACAGCTCACAGCACCTAAAGTTGACTTGCCAAAATCCTCAACA  
 GATGGTTGTTTTTTGAAAAATCTGAATGTGTTGACAGCAGTGAAGTGTACTGGACCAGAAGCTTCAA  
 AGTCTTGTCAACCTTTGCAAAGCCATGGATTTTGCAGAATACAGGCTATCTAAGTGGATATAGTTGTGC  
 AGAGAATGCTCAAGCTATAGAACAGTATGCTAGAAAAGTGTGGGTGACACTTTAGAGCTAAGTTTAGGA  
 CCCACAGTTTTTCATAATTCAGAGACCACAGCATCAGCAGATAGAATTACTTACGCAGAAAAATGTCAC  
 CGCTTATAAATGAAGCTTGCAGATACTGTGACCTTAAAGGAATCCATGGTTGCACCAGAAATCTGTCTCA  
 GCTCTTTTCAAAGCAGAGTCCGTGTGCTAGTGCTAAGCCAAGTTCACGTTCAAACCTTAGTAGCATTGCT  
 CAGAAATCAAGAATTTTTCATCTTGATGTACCTCAGATTGATGTTAATCTTGATAAAAGGGCAGTGCTTG  
 CTGAGAAGATAGTTGCTGAAGCTATTGAGAAAAGCAGAGAGAGTGTGAGCAACACGAGTTTGGCAGCTGA  
 TAGTGGAATCGGACAAGATGGCATTAGCTTTGCTGAGAGCCTTACTACAGAAATCATGACAACAGCTGTG  
 ACAAATGCTGGGCATGCTGTTAGCAGTTCAAGAGAAAATAGAAGATTTTTCAGTCAACTGAGTCACTTGGCA  
 GCCAGCAGATGAATCTCAGTGTGGTGAAGACAGCACAGGTAGCTGGTCCAACCTAAGTTTTGAGGATGA

CCATCAAGATGAAAGCAGCAGTTTCCATCATCTCAGTGAAAGTAATGGTAACAGCAGTAGCTGGAGCAGT  
CTTGTTTAGAAGGAGATTTGTATGAGGACAATTTATCCTTTCCAACATCAGACAGTGATGGATCGGATG  
ATGGAGATGACGAGCAGGAGGATGGTGTGGAAGATTTGCAGCAAATGGAAGACTCTGTAATTATGAA  
CATTGACATGGAGCCTGGAGCTGTAGACCCGAATTAAGGATTATTCTTCAGTGGCTCATTGCCTCTGAG  
GCTGAAGTTGCAGAACTTTATTTTCAGGACTCTGCAAAGAAGGAGTTTATATTACTTTCAAAGCAGTTAC  
AAGAGAAAGGATGGAAGTGGGAGATGTCCTGCAGGCTGTGCTTAAATACTACGAAGTGGTGGAAAAGCC  
CTCAAGGAGGAAAGATGCAAGTCGCTGTTTGATTGGCTTTTAGAAAATGCCAGAACAGACTCCAGACC  
AGTATGCTTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001164503  |
| <b>Insert Size:</b>           | 5685 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_001164503.1, NP_001157975.1</u>   |
| <b>RefSeq Size:</b>           | 9416 bp   |
| <b>RefSeq ORF:</b>            | 5685 bp   |
| <b>Locus ID:</b>              | 219181  |
| <b>Cytogenetics:</b>          | 14 D3   |