

## Product datasheet for **SC122335**

### **ANKMY1 (BC033495) Human Untagged Clone**

#### **Product data:**

|                           |                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                                                                        |
| Product Name:             | ANKMY1 (BC033495) Human Untagged Clone                                                                                                                     |
| Tag:                      | Tag Free                                                                                                                                                   |
| Symbol:                   | ANKMY1                                                                                                                                                     |
| Synonyms:                 | ankyrin repeat and MYND domain containing 1; DKFZp686D20155; DKFZp686L21237; FLJ20499; OTTHUMP00000164506; testis specific ankyrin-like protein 1; ZMYND13 |
| Mammalian Cell Selection: | None                                                                                                                                                       |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                                                                           |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                     |



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**Fully Sequenced ORF:** >OriGene sequence for BC033495 edited  
 CCGGGCTGTCTCCAGGAAACGCGACGCTCTCCGTAGGCGCAGGGCTGGCAAGCAGTCGG  
 GACGGGAGCGCGGGCGTCCGCGGTGGCTGCAGTCCCGTCGGTCTCCCTGCTGTCCGGCGC  
 GAGCTCTTCGAGTCTTGCTTGGTTGGAAGACCACAGACATGGAAGGGGCCATGCCTCCC  
 TTAGCTTAGAGGACGAAGTCTCTGGGGCTGGCAGCCGCCAACGCCGCTAGAGGGGAAGG  
 GCGGCGAGACCCCTGCTGCCGAGGAGCCGGGTCCCTGAAGAATACTGCTGTCTTCGCCA  
 CAAGGGATGTTTCAGCAGCCCTGAGAAGGAAGAGGAGGAAGCTGAGGGCCCGCTGAGGG  
 CGCAGGACCTGAGGGAGTCTACATCCAGCTCGTCCAGGGTGTGCAGGAGTGGCAGGATG  
 GTTGATGTACAGGGGAGTTTGGGTTGAACATGAAGCTTGGATATGGCAAATTCTCTT  
 GGCCACAGGCGAGTCATACCATGGGCAGTTTTACGGGACCACTGCCATGGCCTGGGTA  
 CCTACATGTGGCCAGATGGCTCCAGTTTCACGGGCACATTTACCTCAGCCACCGAGAAG  
 GCTACGGCACCATGTACATGAAGACACGGCTTTCCAGACTCACTGCCACAACGACATTG  
 TCAACCTTCTCCTGGACTGTGGGGCCGACGTGAACAAGTCTCAGATGAGGGTCTCACGG  
 CACTCAGCATGTGTTTCTCCTCACTACCCCGCCAGTCTTCAAGCCCAATGTTGCTG  
 AACGGACCATACCTGAGCCCCAGGAACCTCCAAAATCCAGTTGTTCCAATCCTTTCAT  
 CATCATTTATGGACACAAACCTGGAGTCTCTGTACTATGAGGTGAACGTGCCTTCCCAGG  
 GTAGCTATGAGCTGAGGCCACCGCCAGCACCAGTCTCCTGCCACGCGTCTCAGGCAGCC  
 ACGAGGGCGGCCACTTCCAGGACACCGGGCAGTGTGGGGGTCCATAGACCACAGGAGCA  
 GCTCTCTGAAGGGGACTCCCGTTGGTGAAGGGCAGCCTTGGCCATGTGGAAAGCGGGC  
 TTGAGGACGTGTTGGGAAACACAGACCGGGGACGTCTGTGCAGTCTGAGACGAAATTTG  
 AGTCCAACGTGTGTGTGTGCGACTTCTCCATCGAGCTCTCGCAGGCCATGCTGGAGAGAA  
 GCGCCAGTCCCACAGCTTGCTGAAGATGGCCTCGCCCTACCGTGCACCAGCAGCTTCG  
 ACAAAGGACCATGCGGAGGATGGCGCTGTCCATGATCGAGCGGAGGAAGCGCTGGCGGA  
 CCATCAAGCTGCTGCTGCGCGGGGCGCGGACCCCAACCTGTGCTGCGTGCCTATGCAGG  
 TCTGTTCTTGTGTGAAGGCCGGGACGTGGATGGGGTGAAGGCTGCTGCTGGAGCACG  
 GGGCGAGGACCGACATCTGCTTTCGCCGACGTGTTGAAGCAAATAAGGGGAAGCGCAT  
 CCTGAAGGCCCTTGGAAAGGGGAGACTTATATTCAGGAGGAGCGGGCCTCCTTTCAAC  
 CCACGCTCAGCATCACAAGGACGCAGGCAGGAGAGGCAAGGGTTTTGGTGTGAGGTTT  
 TATCTTTAGCTCAACAGATCCAGCCGAAAATATTTAGCTGAGAAAAATCTTCGAAGGG  
 GAATCTGATTTTATATTTTTTTTTTTAAGAAGTGCCTTTCCAGCGGACGGCTTTTTCC  
 TTTTGAAGCCACACCCACCGTGAGCAAGCGGCTTACAGGGCATTTTGTGTTGAATA  
 AATTAGCTGCTAGTTTTTCGAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC033495 unedited  
 CACGTTCAAATTTTGAATACGACTCACTATAGNNGCGCGCNAATCCCGGNATC  
 GGGNNGCTGTCTCCAGGNAACGCGACGCTCTCCGTAGGCGCAGGGCTGGCAAGCAGTC  
 GGGACGGGAGCGCGGGCTCCGCGGTGGCTGCAGTCCCGTCGGTCTCCCTGCTGTCCGGC  
 GCGAGCTCTTCGAGTCTTGCTTGGTTGGAAGACCACAGACATGGAAGGGGCCATGCCTC  
 CCTTAGCTTAGAGGACGAAGTCTCTGGGCTGGCAGCCGCCAACGCCGCTAGAGGGGAA  
 GGGCGGGAGACCCCTGCTGCCGAGGAGCCGGGTCCCTGAAGAATACTGCTGTCTTCGC  
 CACAAGGGATGTTTCAGCAGCCCTGAGAAGGAAGAGGAGGAAGCTGAGGGCCCGCTGAG  
 GCGCAGGACCTGAGGGAGTCTACATCCAGCTCGTCCAGGGTGTGCAGGAGTGGCAGGA  
 TGGTTGCATGTACAGGGGAGTTTGGGTTGAACATGAAGCTTGGATATGGCAAATTCTC  
 TTGGCCACAGGCGAGTCATACCATGGGCAGTTTTACGGGACCACTGCCATGGCCTGGG  
 TACCTACATGTGGCCAGATGGCTCCAGTTTCACGGGCACATTTACCTCAGCCACCGAGA  
 AGGCTACGGCACCATGTACATGAAGACACGGCTTTTCAGACTCACTGCCACAACGACAT  
 TGTCACCTTCTCCTGGACTGTGGGGCCGACGTGAACAAGTGTCTCAGATGAGGGTCTCAC  
 CGACTCAGCATGTGTTTCCCTCTCACTACCCCGCCAGTCTTCAGCCCCATGTTGCT  
 GAAAGGGACATACCTGAGCCCCAGGAACCTCAAAATCCAGTTGGTCCATCCTTTTCATCA  
 CATTATGGGAACAACC

**Restriction Sites:** Please inquire

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:                  | BC033495                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Insert Size:           | 1857 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"><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> |
| RefSeq:                | <a href="#">BC033495.1</a> , <a href="#">AAH33495.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq Size:           | 1857 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Locus ID:              | 51281                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:          | 2q37.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Families:      | Druggable Genome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |