

## Product datasheet for **SC102744**

### **ANKRD20A5P (AK092114) Human Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | ANKRD20A5P (AK092114) Human Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | ANKRD20A5P                                 |
| Synonyms:                 | ANKRD20A5                                  |
| Mammalian Cell Selection: | None                                       |
| Vector:                   | <u>pCMV6-XL5</u>                           |
| E. coli Selection:        | Ampicillin (100 ug/mL)                     |



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK092114, the custom clone sequence may differ by one or more nucleotides

CAGGAAGAGGCGTTGTGCCGTTATTCTGCTGGAACATGGTGCCAATCCAAACCTTAAGGATATCTACGGCA  
ACACTGCTCTCCATTATGCTGTGTATAGTGAGAGCACCTCACTGGCAGAAAACTGCTTTTCCATGGTGA  
AAATATTGAAGCACTGGACAAGAGGTTGCCCTTTAGAGAAAGCGTGTATTCTCCAGTTTGCTGCTGTGC  
CCACCTTAGTACTTCCTTTACTCAGGCAACCTTCCTTTGTGCTTTGACCCATTGGAGCAGGAGTGCCTG  
ACATTGACATCTGGGATCCTGACACCATTGATAGAAGTGAATCAAGCAAGTTTGTGCCACCCAGAAGAAA  
CCTCCACCTGCATTGGGAAGCTCTGGCGACTGTACCCTTAAACCTTAATTCTCAAATGTTAATGTT  
GCCACAAATAGTATTGTCAAATGGGGATTAGGTACAATCAAGAGATTTCTTGATTATTGGACATAACAT  
ACAGTTTTATAATACTTCTCAAATGCAGATGGTCATGGAGTCTTCTCTTGGGGTATAATACTTCTGGTA  
AAGCAAATATCTTTGGAATATAGTTTAAAGAACTGCTTTAGTGAGAATAATTTAGATCATTAAATTTA  
TGTA AAAA ACTTAAAATGTTTGCTACTATGTCTTAGGGTTTTGGGGTATAGAGACAAAAGATACAGACC  
TTGCCTCAAGAAGCTCTTGTTTCAGTGGGACACAGTGAATGATTACAATGTACCATGCTAAGTGCTGT  
GATCAAAGCAGGATTTCTGGGACTGGTAAATGCTAAAGTGAGTTTGGCAATGACCCAGCTTAATCCG  
GGGAGACAGAGGAGGATTGTTTGAAGGCAAGAGCAGACATCAGAAAAGCAGAGTGAGAAGGAAGGG  
ACTGCTTTTCTTTACTTCCTTTCTAGTATTGTATGTTGAAGTTCAAAGCAGCTTAGAGAAGATTTTCAGT  
TCAGTTGAGAAATATGTAATTTTCTGAATTACTAATTTTTTCTGCTGTTTTATAGGACAGTAATACCCCA  
CTTTTATTGCTATAATTTGCAAGAAAGAGAAAAATGGTGAATTTTTATTGAAAAACAAAGCAAGTACAC  
ATGCCGTTGATAGGCTGAGATGGTACAGTAGTCTTTTTTTTTTTTTAAATAAAACCTGTGATTCTAGAG  
TGGTAAACAGTCACTGAAGTCAGAAATATTAATAAGAAGATTAACTAATTATTGGCATATAGTGAAAAAT  
ATCACCATGAATAATCAGATAGATCAGCAAATATTTGGACTGAGTAACATAAAGAACAGTATATAGTAGG  
ATTCATCTTCTCCTAAATATAGAGTGTTTGTTATTTATAAATGGATGTTTTTGGTACTGTAATCTTGAT  
TAGCTAAAGGGTTTTGTATTAGCTTTATTAAGTTTTTTGGAGATGCAATCTGGCTCTGTTGCCAGGCTG  
GAGTACAGTGGTGTGATCTGGCTCACTGCAACCTCCACCTCTCAGGCTCAAGTGATTCTCTGCCTCAG  
CCTTCCAAGTAGCTGGGGCTACAGGTGCACGCCGCCATGCCAGCTAATTTTTGTATTTTATAGTAGAGAT  
GGGATTTACCATGTTGGCCAGGATGGTCTCGATCTCTTGACCTCGTGATCTGCTCTCTTGGCTCCTCA  
AAGTGCTGGGATTACAGGCATGAGCCACTGCACCTGGCCAGTTTTATTAATTTTTAAAGTGTGGACTTTT  
AGTTTATGACTACTGGCATTGTCAATTATTATTATTGTTGTTGTTGTTGTTGTTGTTGTTTTCAGCCTGCA  
GATAACTCTTATCTGACCCCTAGCTGATTTGAATTATATATCAGACTAGGAAAGCAATGGGGAATCTTC  
ATCTAAATCTTTACCTACTTTAGATAAGTGACCTCAGCAGAGTTCTTGGCCATCAAGGACTATGAGTT  
AGCAACTTGATTATGTCATACCCCAAGGGGACAGAGGCTTCCTTGTTGCTCTTTCTTTCAGCCTTGG  
TGATAATTTACAAGATTGAACACTTGAGCACCCTAGATGCTTATAGACCCAAGCTAGTACATGCAAAATG  
TTATTATGTCTACACTGACAGGTGGATATTAATTTGGTAAAGTGT

**5' Read Nucleotide Sequence:**

>OriGene 5' read for AK092114 unedited  
TATTAGGTATACGACTACTATAGCGCGCCGCAATTCGGCACGAGGAGAGGTTCGGAGGCT  
GCGAGTGTGCTGCTGAAGGCTGTGGTGGACTGGGCTGGATCGCGGATTTTGGATTAGAT  
AATAGATTTGGGATCGCGGATTGGGGTTGGATCGCGGATTTGGGGTTGGATCGGGGATT  
TGGGGTTGGATAGGGGATTTGGGGCTGGGTTCGGCGGGGGCGTGGGGGAGGTGAAAGGT  
AACAGGGAGCTGCCCCCTCTCAAGAGCCGGTAGTTGGGAGTCTGAGAAGTCACCACCATG  
AAGTTGTTTCGGCTTCAGGAGCCGAGGGGCCAGACGGTCTGGGCTCCATAGACCACTTC  
TACACGGGTTCCGGGTACCGAATCCGGTACTCGGAAGTGCAGAAGATCCACAAGGCAGCT  
GTCAAGGGCGACGCTGCGGAGATGGAGCGCTGTCTGGCGCGCAGGAGCGGAGACCTTGAC  
GCCCTGGACAAGCAGCACAGGCTGTCCATTGCCAGGAAGAGGCTGTGCCGTTATTCTGC  
TGGAACATGGTGCCAATCCAAACCTTAAGGATATCTACGCAACACTGCTCTCCATTATG  
CTGTGTATAGTGAGAGCACCTCACTGGCAGAAAACTGCTTTTCCATGGTGAAAAATTG  
AAGCACTGGACAAGTGACCCATTTGGAGCAGGAGTGCCTGACATTGACATCTGGGATCCT  
GACACCATTGATAGAAGTGAATCAAGCAAGTTTGTCCACCCAGAAGAAACCTCCACCTG  
CATTGNGAAGCTCTGGCGACTGTACCCCAAACTCTTATTNCTCATGTAAATGTTGCCA  
CAATAGTATGTCAATGGGATANGTACANTNAGAGATTCTTGATATTGGCATACATACA  
GTNTATATACTCTCAATGCGATGTCATGGAGTCTCTCTGGGATATACTCCTGTAAGCAA  
TATCTTGNATTAGNTNAGAACTGCTTATGAGATATTAT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for AK092114 unedited  
TACATTATGGACCGCGCCGATTCTNANGANCGGATTTTTTTTTTTTTTTTCCCTCAA  
AACTTTAATAGAACTTTTTTAAACAGCTAGTTTGATACACTTTACCAATTTAATATCCA  
CCTGTGCTAGTAGACATAATAACATTTTGCATGTACTAGCTTGGGTCTATAAGCATCTAG  
GGTGCTCAAGTGTTTCATCTTTGTAAATTATCACCAAGGCTGAAAGAAAAGGACAACAAGG  
AAGCCTCTTGCCCACTGGGGTATGACATAATACAAGTTGCTAACTCATAGTCCTTTGAT  
GGCCAAGAAACTGTGCTGAGGTCACTTATCTAAAGTAGGTAAAGATTTAGATGAAGATTT  
CCCCATTGCTTTCTAGTCTGATATATAATTCAAATCAGTAGGGGTCAGATAAGAGTTA  
TCTGCAGGCTGAAAACAACAACAACAACAACAACAATAATAATGACAATGCCAG  
TAGTCATAAACTAAAAGTCCACACTTTAAAAATTAATAAACTGGCCAGGTGCAGTGGCT  
CATGCCGTGAATCCCAGCACTTTGAGGAGCCAAGGAGAGCAGATCACGAGGTCAAGAGAT  
CGAGACCATCCTGGCCAACATGGTGAAATCCCATCTCTACTAAAAATACAAAAATTAGCT  
GGGCATGGCGGCGTGACCTGTAGCCCCAGCTACTTGGAAGGCTGAGGCAGGAGAATCAC  
TTGAGCCTGAGAGGTGGAGGTTGCACTGAGCCAAGATCACACCACTGTACTCCAGCCTGG  
CAACAGAGCCAGATTGCATCTCAAAAANACTTAATAAAGCTAATACAAAACCTTTAGCT  
AATACAAGATTACAGTACCCAAAACATCCAATTATAAATAACAAACACTCTATTTTAGG  
AGAAGATGAATCCTACTATATACTGTTCTTTATGTTACTCAGTCCAATATTTGCTGATCN

**Restriction Sites:**

NotI-NotI

**ACCN:**

AK092114

**Insert Size:**

2600 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:** [AK092114.1](#)

**RefSeq Size:** 2145 bp

**RefSeq ORF:** 2145 bp

**Locus ID:** 440482

**Cytogenetics:** 18p11.21