

## Product datasheet for SC123169

### ANKRD22 (NM\_144590) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | ANKRD22 (NM_144590) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | ANKRD22                                  |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | <u>pCMV6-XL5</u>                         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |
| Fully Sequenced ORF:      | >OriGene sequence for NM_144590 edited   |

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GGGGGTTTTTGTAGAAAAGCACTCCTGGAGCTTGCCACCAGCTTGGACTTCTAGGGACT
TTCCTCTCAGCCAGGAAGGATTTTGATATTCATCAGAAATACCTCCAGAAGATTC AAGGA
GCTGTAGAGGTGAAGTAAGCCTGTGAAGGACCAGCATGGGAATCCTATACTCTGAGCCCA
TCTGCCAAGCAGCCTATCAGAATGACTTTGGACAAGTGTGGCGGTGGGTGAAAGAAGACA
GCAGCTATGCCAACGTTCAAGATGGCTTTAATGGAGACACGCCCTGATCTGTGCTTGCA
GGCGAGGGCATGTGAGAAATCGTTTCCTTCCTTTAAGAAGAAATGCTAATGTCAACCTCA
AAAACCAGAAAGAGAGAACCTGCTTGCATCATGCTGTGAAGAAAAAATTTACCTTCATTG
ATTATCTACTAATTATCCTCTTAATGCCTGTTCTGCTTATTGGGTATTTCTCATGGTAT
CAAAGACAAAGCAGAATGAGGCTCTTGTACGAATGCTACTTGATGCTGGTGTGCGAAGTTA
ATGCTACAGATTGTTATGGCTGTACCGCATTACATTATGCCTGTGAAATGAAAAACCAGT
CTCTTATCCCTCTGCTCTTGGAAGCCCGTGCAGACCCCAATAAAGAATAAGCATGGTG
AGAGCTCACTGGATATTGCACGGAGATTAATAATTTCCAGATTGAATTAATGCTAAGGA
AAGCATTGTAATCCTTGTGACCACCGATGGAGATACAGAAAAAGTTAACGACTGGATT
CTATCTTCATTTTAGACTTTTGGTCTGTGGGCCATTTAACCTGGATGCCACCATTTTATG
GGGATAATGATGCTTACCATGGTAAATGTTTTGGAAGAGCTTTTATTTATAGCATTGTT
TACTCAGTCAAGTTCACCATGGCCGTAATCCTTCTAAGGGAAACACTAAAGTTGTTGTAG
TCTCCACTTCAGTCAGAAACTGATGTTTCAGCTAGGCACAGTGGTACATGCCTGTAATCC
CAGCTACTTGGGAGGCTGAGGTGGGAGGATCACTTGAAGTCAAGGAGTTTGAGAGCAGCCA
GGCAACACAGCGAGACCCTGTCCAAAAA

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|                                     |   |
|-------------------------------------|---|
| <b>5' Read Nucleotide Sequence:</b> | >OriGene 5' read for NM_144590 unedited<br>TCTCAGCTATTTGTAATACGACTTACTATAGCGGCACGCGAATTCGCCATTACGGCCGG<br>GGGTTTTTGTAGAAAACACTCCTGGAGCTTGCCACCAGCTTGGACTTCTAGGGACTTTC<br>CTCTCAGCCAGGAAGGATTTTGTATTCATCAGAAATACCTCCAGAAGATTCAAGGAGCT<br>GTAGAGGTGAAGTAAGCCTGTGAAGGACCAGCATGGGAATCCTATACTCTGAGCCCATCT<br>GCCAAGCAGCCTATCAGAATGACTTTGGACAAGTGTGGCGTGGGTGAAAGAAGACAGCA<br>GCTATGCCAACGTTCAAGATGGCTTTAATGGAGACACGCCCTGATCTGTGCTTGCAGGC<br>GAGGGCATGTGAGAATCGTTTCCTTCTTTAAGAAGAAATGCTAATGTCAACCTCAAAA<br>ACCAGAAAGAGAGAACCTGCTTGCATCATGCTGTGAAGAAAAAATTTACCTTCATTGATT<br>ATCTACTAATTATCCTCTTAATGCCTGTTCTGCTTATTGGGTATTTCTCATGGTATCAA<br>AGACAAAGCAGAATGAGGCTCTGTACGAATGCTACTTGATGCTGGTGTGCAAGTTAATG<br>CTACAGATTGTTATGGCTGTACCGCATTACATTATGCCTGTGAAATGAANAACCGTCTC<br>TTATCCCTCTGCTCTTGAAGCCCGTGCAGACNCCCACATANAGAATAAGCATGGTGAGA<br>GCTCACTGGATATTGCACGGAGATTAATAATTTCCAGATTGAATAATGCNTAAGAAGCAT<br>GTAATCCTTGTGACACACCGATGGAGATACAGAAAAGTTAACGACTGGATTNCTATCTCA<br>TTTTAGACTTTTGGTCTGTGGGCCATTTTACCCTGGATGCACCATTTATGGGGAATATGA<br>TGCCCTACCAGGNNTAAGTTTTGAAGAGCTTTTTATTATAGCT |
| <b>Restriction Sites:</b>           | Please inquire  |
| <b>ACCN:</b>                        | NM_144590   |
| <b>Insert Size:</b>                 | 1135 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><a href="#">NM_144590.1</a></u> , <u><a href="#">NP_653191.1</a></u>   |
| <b>RefSeq Size:</b>                 | 1135 bp   |
| <b>RefSeq ORF:</b>                  | 576 bp  |
| <b>Locus ID:</b>                    | 118932  |
| <b>UniProt ID:</b>                  | <u><a href="#">Q5VYY1</a></u>   |
| <b>Cytogenetics:</b>                | 10q23.31  |
| <b>Protein Families:</b>            | Transmembrane   |