

Product datasheet for **SC321099**

ANKRD1 (NM_014391) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD1 (NM_014391) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD1
Synonyms:	ALRP; bA320F15.2; C-193; CARP; CVARP; MكارP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_014391.2
 GGGGAGGGCCAACCTCCAGGGATTCTTCCACGACAGAAAAACATACAAGACTCCTTCAGC
 CAACATGATGGTACTGAAAGTAGAGGAAGTGGTCACTGGAAAGAAGAATGGCAATGGGGA
 GGCAGGGGAATTCCTTCTGAGGATTTCCAGAGATGGAGAGTATGAAGCTGCTGTTACTTT
 AGAGAAGCAGGAGGATCTGAAGACACTTCTAGCCCACCCTGTGACCCTGGGGGAGCAACA
 GTGGAAAAGCGAGAAAACAACGAGAGGCAGAGCTCAAAAAGAAAAAACTAGAACAAAGATC
 AAAGCTTGAAAATTTAGAAGACCTTGAAAATAATCATTCAACTGAAGAAAAGGAAAAATA
 CAGGAAAACATAAAGTTCCAGTTGTAAAGGAACCGAACCTGAAATCATTACGGAACTGT
 GGATGTGCCTACGTTTCTGAAGGCTGCTCTGGAGAATAAACTGCCAGTAGTAAAAAATT
 CTTGTGACAGACAAGAACAATCCAGATGTTTGTGATGAGTATAAACGGACAGCTCTTCATAG
 AGCATGCTTGGAAAGGACATTTGGCAATTGTGGAGAAGTTAATGGAAGCTGGAGCCAGAT
 CGAATTCCTGATATGCTTGAATCCACAGCCATCCACTGGGCAAGCCGTGGAGGAAACCT
 GGATGTTTTAAAATTGTTGCTGAATAAAGGAGCAAAAATTAGCGCCCGAGATAAGTTGCT
 CAGCACAGCGCTGCATGTGGCGGTGAGGACTGGCCACTATGAGTGC GCGGAGCATCTTAT
 CGCCTGTGAGGCAGACCTCAACGCCAAAGACAGAGAAGGAGATACCCCGTTGCATGATGC
 GGTGAGACTGAACCGCTATAAGATGATCCGACTCCTGATTATGTATGGCGCGGATCTCAA
 CATCAAGAACTGTGCTGGGAAGACGCCGATGGATCTGGTGTACTGCGAGAATGGAAC
 CAAAGCAATATTCGACAGCCTCAGAGAGAACTCCTACAAGACCTCTCGCATAGCTACATT
 CTGAGGCAAACGACAGACTCTTAATCAGTAAATGTTCACTGGCATTGTTGAAGGCATGGCC
 CAAGAGAAGAGACACTAGCCATAAAATCTAGTTTCTATTTATCAACGTGTTGTGAAGATG
 TACCTAATGAAGTTTTGAGAAAGCACAGGGTTATAGGTGTTTTAAATTTCTTTAGTGAAA
 CTCTTATTTATTTTATGTATTCCTGTTTATTTATTTACTGCCACGCTACTGATATTCAG
 ACCTTCATGATCATCCATCTGGTGAGCAGAGCTTCAATTTGTATATAACACTTTCAGAGCC
 TTCCCACCCATAGGTAGTTCTTAAACCAGGTGAAAGAGCAAAGTTCAAGTGCCTACTTAT
 GTGTCATTCGCTCATGTAAGAGTTTTTAAAGAGAGGGCTGATTATCACAGCCCTCTTTTCT
 CCTGAATTTTTAATGCAGAAGTTTGAATGAAGCAAGGGAAGGCATGTAGGGACAGGAAAAG
 GAAACAATGGAAGGAAAGTATTCTGTGAAAAGGACAGTGAAGCCAGCTATTTTACCCCC
 AGGCTGGATTTTTTTTTTTTTTTTTTTTTTTTTTTTACCGAGTACACAGAGTACCCAAGTGA
 AGAGAACGTCATGAGTGAAGTCAAATCAGTGAAGGAGCGGCAAACCTGGGACATGCAG
 AATTGAATTTGCTCAAAAAGATGAAAGGAAATGCAAACCTGTAATGTATAAATGTATAT
 TGTATTGTATGTACATTTTATATTCATAATAAAGGCAATCAAACCTCAAAAAAAAAAAAAA
 AAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014391

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_014391.2](#), [NP_055206.2](#)

RefSeq Size: 1994 bp

RefSeq ORF: 960 bp

Locus ID: 27063

UniProt ID: [Q15327](#)

Cytogenetics: 10q23.31

Gene Summary: The protein encoded by this gene is localized to the nucleus of endothelial cells and is induced by IL-1 and TNF-alpha stimulation. Studies in rat cardiomyocytes suggest that this gene functions as a transcription factor. Interactions between this protein and the sarcomeric proteins myopalladin and titin suggest that it may also be involved in the myofibrillar stretch-sensor system. [provided by RefSeq, Jul 2008]