

## Product datasheet for **SC304698**

### ACRV1 (NM\_020069) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ACRV1 (NM\_020069) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ACRV1  
**Synonyms:** D11S4365; SP-10; SPACA2  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_020069 edited  
GCTTTAGCACTGGAAGCTTTTGGCTCGCAGTTTGCTTCATAGCTCTGTGAAGAAGCTGTGG  
CCCACACTGGGGTCCCCTCTTTTCTAAATCCAGATGAACAGTTTCTCTTGCTAATGAG  
TCTTTATCTGCTTGGATCTGCCAGAGGAACATCAAGTCAGCCTAATGAGCTTTCTGGCTC  
CATAGATCATCAAACCTCAGTTCAGCAACTTCCAGGTGAGTTCTTTTCACTTGAAAACCC  
TTCTGATGCTGAGGCTTTATATGAGACTTCTTCAGGCCTGAACACTTTAAGTGAGCATGG  
TTCCAGTGAGCATGGTTCAAGCAAGCACACTGTGGCCGAGCACACTTCTGGAGAACATGC  
TGAGAGTGAGCATGCTTCAGGTGAGCCCCTGCGACTGAACATGCTGAAGGTGAGCATA  
TGTAGGTGAGCAGCCTTCAGGAGAACAGCCTTCAGGTGAACACCTCTCCGAGAACAGCC  
TTTGAGTGAGCTTGAGTCAGGTGAACAGCCTTCAGATGAACAGCCTTCAGGTGAACATGG  
CTCCGGTGAACAGCCTTCTGGTGAGCAGGCCTCGGGTGAACAGCCTTCAGGCACAATATT  
AAATTGCTACACATGTGCTTATATGAATGATCAAGGAAAATGTCTTCGTGGAGAGGGAAC  
CTGCATCACTCAGAATCCCAGCAGTGCATGTTAAAGAAGATCTTTGAAGGTGAAAAACT  
CCAATTCATGGTTCAAGGGTGTGAGAACATGTGCCATCTATGAACCTTCTCTCCATGG  
AACGAGGATGCAAATTATATGCTGTGCGAAATCAATCTTTCTGCAATAAGATCTAGAAGCC  
TGGGCCCTTGCTTGTGTTGACTCAGGCAGTAAAAAGCCTCCATCACTCTATTTGGCTCAT  
TTTATATTTAGTTCCTTCCCCAGTCAACAACACTGACCACATCTGCCTCTGCCTGAGCATT  
GGATGCTCAAACATCCTATCTTTCTTCTTCTATTCATGCTTTTATCCATTCTTCTGTGC  
CTGTCTTCCCTGCTCCAACCTTTCTCTCAATATTCTGATTTTTTTTTTCAATAAATTT  
ACATGGTTAAAGCAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_020069 unedited</p> <pre> NGTCAAATTTGTATACGACTCATATAGGCCGGCCGATAACTTCGTATAGCATACATTATA CGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGCTTTAGCA CTGGAAGCTTTTCTCGCAGTTTCTTCATAGCTCTGTGAAGAAGCTGTGGCCACACTG GGGTCCCTCTTTTCTAAATCCAGATGAACAGGTTTCTTCTGCTAATGAGTCTTTATCT GCTTGGATCTGCCAGAGGAACATCAAGTCAGCCTAATGAGCTTTCTGGCTCCATAGATCA TCAAATTCAGTTCAGCAACTTCCAGGTGAGTTCTTTTCACTTGAAAACCCCTTCTGATGC TGAGGCTTTATATGAGACTTCTTCAGGCCTGAACACTTTAAGTGAGCATGGTTCCAGTGA GCATGGTTCAAGCAAGCACACTGTGGCCGAGCACACTTCTGGAGAACATGCTGAGAGTGA GCATGCTTCAGGTGAGCCCGCTGCGACTGAACATGCTGAAGGTGAGCATACTGTAGGTGA GCAGCCTTCAGGAGAACAGCCTTCAGGTGAACACCTCTCCGGAGAACAGCCTTTGAGTGA GCTTGAGTCAGGTGAACAGCCTTCAGATGAACAGCCTTCAGGTGAACATGGCTCCGGTGA ACAGCCTTCTGGTGAGCAGGCCTCGGGTGAACAGCCTTCAGGCACAATATTAATTTGCTA CACATGTGCTTATATGAATGATCAAGGAAAATGTCTTCGTGGAGAGGGAACTGCATCAC TCAGAATTCACAGCAGTGCATGTTAAAGAAGATCTTTGAAGGTGAAAAACTCCCATTCC ATGTTTCAAGGGTGTGAGAACATGTGC                     </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_020069 unedited</p> <pre> NGGGCCATTGGGGAGGCCAATTCCAGNCCAGNGAGAGCACTGGGGNAGGGTCACAGGGA TGCCACCCGGGCACTGTTAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGACAA GCTTGATATCGGTACCGGCCCCCTCGAAGATCAGGCCCTTATGGCCGATTCCAGCG CTGGAGAGTTTTTTTTTTTTTTTGTCTTAAACCATGTGAAATTTATTGAAAAAAAATCAG GAATATTGAGAGAAAGAGTTGGAGCAGGAAGACAGGACAGAGAAGAATGGATAAAAGCA TGAATAGAAGAAGAAAGATAGGATGTTTGAAGCATCCTAATGCTCAGGCAGAGGCAGATGT GGTCAGTTGTTGACTGGGGAAGGAACTAAATATAAAATGAGCCAAATAGAGTGATGGAGG CTTTTTACTGCCTGAGTCAAAACAAGCAAGGGCCAGGCTTCTAGATCTTATTGCAGAAA GATTGATTTTCAGCAGCATATAATTTGCATCCTCGTTCCATGGGAGAAGAGGTTTATAGAT GGGCACATGTTCTCACACCCTTGAACCATGAATTGGAGTTTTCCACCTTCAAAGATCTTC TTTAACATGCACTGCTGGGAATTCTGAGTGATGCAGGTTCCCTCTCCACGAAGACATTTT CCTTGATCATTATATAAGCACATGTGTAGCAATTTAATATTGTGCCTGANAGCTGTTCA CCCGAGGCTGCTCACCGAAGGCTGTTACCGGAGCCATGTTTCCCTGAAAGCTGTTCA TCTGAAGGCTGTTACCTGACTCAGTCACTCAAGGCTGTTCTCGGAAAAGGTTTAC CTGAAGGCTGTTCTCCTGAAAGCTGCTCACCTACAGTATGCTCACCTTACATGGTCAGT CCCCACGGGCTCACT                     </pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_020069
<b>Insert Size:</b>	1100 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>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<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).

**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\\_020069.3](#), [NP\\_064454.1](#)

**RefSeq Size:** 1281 bp

**RefSeq ORF:** 741 bp

**Locus ID:** 56

**UniProt ID:** [P26436](#)

**Cytogenetics:** 11q24.2

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a testis-specific, differentiation antigen, acrosomal vesicle protein 1, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2010]  
Transcript Variant: This variant (2) lacks a 57 nt fragment in the 3'-terminus of the exon II, as compared to variant 1. Isoform b encoded by this variant is thus 19 aa shorter than isoform a encoded by variant 1.