

## Product datasheet for **SC322288**

### AVEN (NM\_020371) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AVEN (NM_020371) Human Untagged Clone
Tag:	Tag Free
Symbol:	AVEN
Synonyms:	PDCD12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322288  
 CTCCGCCGACGCTCGGCTCCCGCGCGCTCAGCACCGCCAGCGGGCCAGATGCAGGCGG  
 AGCGAGGAGCTCGGGGAGGCCGTGGGCGCGGCCAGGCCGCGGCCGGCTGGCGGAGATC  
 GCCACAGCGAGCGGCCCGGAGCCGAGCGCGGTAGCCAGAGGCGCGGGAGGCGGGCG  
 GCGGGGACGGAGGCGGACGCCGGGGCCGTGGCCGTGGCCGGGGCTTCCGCGCGCTCGCG  
 GAGGCCGAGGAGGAGGAGGCCCGCGAGGCAGCCGGGAGCCGGGAGGCTGGGGCG  
 CAGGGGCCAGCGCGCCGTTGAAGATGACAGCGATGCAGAGACCTATGGAGAAGAGAATG  
 ATGAACAGGAAATTAATCTAAAAGAAAGATTGTCTCTAACTGGGATCGATATCAAGATA  
 TTGAAAAAGAGGTCAATAATGAAAGTGGAGAGTCACAGAGGGAAACAGATTTCAAGTCC  
 TCCTTAGCTCTGCAGGGACTCATTCTCACAGTCCGGTTTGCTGAGGAGAAAGAATGGG  
 ATAGTGAAGCTTCTGTCCAAAACAGAATTCAGCATTTTATGTGGATAGTGAGTTATTGG  
 TTCGAGCCCTTCAAGAGCTGCCTCTCTGCCTCCGACTCAACGTTGCTGCCGAACTGGTCC  
 AGGGTACAGTTCCCTTAGAGTTCTCAGGTGAAACAAAGAGAAGTATGATGATGGCAAGG  
 GATTAGGGATGCAGTTAAAGGGGCCCTTGGGGCCTGGAGGAAGGGGGCCCATCTTTGAGC  
 TGAAATCTGTGGCTGCTGGCTGCCTGTGTTGCTGGGCAAAGACAACCAAGCCCGGGTC  
 CTTCAAGGGATTCTCAGAAACCACTTCCCCACTGCAGTCAGCAGGAGACCATTTGGAAG  
 AAGAACTAGATCTGTTGCTTAATTTAGATGCACCTATAAAAGAGGGAGATAACATCTTAC  
 CAGATCAGACGTCTCAGGACCTGAAATCCAAGGAAGATGGGGAGGTGGTCCAAGAGGAAG  
 AAGTTTGTGCAAAACCATCTGTGACTGAAGAAAAAACATGGAACCTGAGCAACCAAGTA  
 CCTCCAAAAATGTTACCGAGGAAGAGCTGGAAGACTGGTTGGACAGCATGATTTCCATAA  
 AAGGGGAAAAAAGTGCCTGAAGCAAATCTTGGTTGCCTTCTAACGGCAGGTGGGCATAA  
 GGCTGTCTTCAGGACCAGCAGTTTACAAGCATGTCTCAAGCTAGTGTGTTCCATTATG  
 CTCACAGCAGTAAATGCCTACCTCTGTGTTTACATCTGAAAGAATACATTGAAGCAGCT  
 TGTTGCATTTGTTTTCTGGCTTAGTAATCTAATAGATTTCTTAAGGGCAGGAGATAGA  
 CTCTGGCCCTTGTCTAGCCTCCTTCTGTCAGTGTTTACAACATAGCCAGTGTTTACA  
 GCATAGCAGATGCTGCTGCTGATTAAGAGAATAGATGCAAAACAAGGCATGCATTTGGCCA  
 AAATAAACAAATGCTGGTCTGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_020371
<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>	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.
<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_020371.2</a></u> , <u><a href="#">NP_065104.1</a></u>
<b>RefSeq Size:</b>	1551 bp
<b>RefSeq ORF:</b>	1089 bp
<b>Locus ID:</b>	57099
<b>UniProt ID:</b>	<u><a href="#">Q9NQS1</a></u>
<b>Cytogenetics:</b>	15q14
<b>Gene Summary:</b>	Protects against apoptosis mediated by Apaf-1.[UniProtKB/Swiss-Prot Function]