

Product datasheet for **SC322320**

ASCC1 (NM_015947) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASCC1 (NM_015947) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASCC1
Synonyms:	ASC1p50; CGI-18; RP11-150D20.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322320
 AGAGAACGCGCTCGCGTAGAGGAATTCGGGTCCTCCTCCTCGCCCTACCTTGGTTTACC
 TGCAGCCGCTAGTCCTTCTCCTTCTCTTTGATGATTACAGGGCCTCGGCTTCCCTCAC
 GGGCATAATTGGAATATCATTGGAGAAAGTGCATGGAAGTTCTGCGTCCACAGCTTAT
 AAGAATTGATGGCCGGAATTACAGGAAGAATCCAGTCCAAGAACAGACCTATCAACATGA
 AGAAGATGAAGAGGACTTCTATCAAGGCTCCATGGAGTGTGCTGATGAGCCCTGTGATGC
 CTACGAGGTGGAGCAGACCCCAAGGATCCGGTCTACTTTGAGGGCCCCAGCTTGCT
 CTATAAGCATATAGTTGAAAGAGAGGGGACACTAGGAAGAAAATAGAAATGGAGACCAA
 AACTTCTATTAGCATTCTAAACCTGGACAAGACGGGAAATTTAATCACTGGCCAGCA
 TCGAAATGGTGAATTTAGCCCGAACACGGATTGATGTTCTTTTGGACACTTTTCGAAG
 AAAGCAGCCCTTCACTCACTTCTTGCCTTTTCCCTCAATGAAGTTGAGGTTGAGGAAGG
 ATTCCTGAGATCCAGGAGGAAGTACTGGCGAAGTGTCCATGGATCATGGGGTTGACAG
 CAGCATTTCCAGAATCCTAAAAAGCTTCACTAACTATTGGGATGTTGGTGCTTTTGAG
 TGAGGAAGAGATCCAGCAGACATGTGAGATGCTACAGCAGTGTAAAGAGGAATTCATTAA
 TGATATTTCTGGGGTAAACCCCTAGAAGTGGAGATGGCAGGGATAGAATACATGAATGA
 TGATCCTGGCATGGTGGATGTTCTTACGCCAAAGTCCATATGAAAGATGGCTCCAACAG
 GCTACAAGAATTAGTTGATCGAGTGTGGAACGTTTTTCAGGCATCTGGACTAATAGTGAA
 AGAGTGAATAGTGTGAACTGCATGCTACAGTTATGAATACACTATTCAGGAAAGACCC
 CAATGCTGAAGGCAGGTACAATCTCTACACAGCGGAAGGCAAAATATATCTTCAAGGAAAG
 AGAATCATTTGATGGCCGAAATATTTTAAAGTTGTTTGAAGTCTACTTTGGCTCCCT
 AAAGCTGAATTCATTCACATCTCTCAGAGGTTACCCGTAGACAGCTTTGGAACTACGC
 TTCCTGTGGACAAATTGACTTCTCCTGAGGTGGATCTTGGAAAGCACTAGAACTAAACA
 TCTTACCAGGTGCTGAAGAAAAGTGTCTTCGTTTTAATTGCCAAGCAGGGATGTGGACA
 TTTGGATGGTGACTTCCCTGGGTGGTTCCCATAGATTACCATTGCCTCTAATGGTGTC
 TACACCCGTCATACTACCAGCTGAGATGGTGGTGGGCATAAGGAGAATTTGTGCCTATAA
 CCCTTAGTGTGTTCTGGTTTTTTTTCTTTTAAATTTTAAATTTGTCGTAATACTCATAA
 AACATACTGTCTTACCATTTTTAAGTGCACAGTTCAGTAACGTTAACTGTTAATACATT
 CATAATGCTGTGTGGCCGTCACCGCCGTCATCTCCATAGGCTTCTCAGCTTGTAATG
 GAAACTGTACCCATTAACAGTAATCCCACTCCTCCAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015947

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:	<ol style="list-style-type: none">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:	<u>NM_015947.2</u> , <u>NP_057031.2</u>
RefSeq Size:	2090 bp
RefSeq ORF:	1074 bp
Locus ID:	51008
Cytogenetics:	10q22.1
Domains:	KH
Gene Summary:	<p>This gene encodes a subunit of the activating signal cointegrator 1 (ASC-1) complex. The ASC-1 complex is a transcriptional coactivator that plays an important role in gene transactivation by multiple transcription factors including activating protein 1 (AP-1), nuclear factor kappa-B (NF-kB) and serum response factor (SRF). The encoded protein contains an N-terminal KH-type RNA-binding motif which is required for AP-1 transactivation by the ASC-1 complex. Mutations in this gene are associated with Barrett esophagus and esophageal adenocarcinoma. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]</p> <p>Transcript Variant: This variant (3) differs in both UTRs and has multiple coding region differences compared to variant 1, one of which results in a frameshift. The resulting isoform (b) has a distinct C-terminus and is shorter than isoform a. Variants 2, 3, and 4 all encode the same isoform (b).</p>