

## Product datasheet for SC112793

### ASCC3 (NM\_022091) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASCC3 (NM_022091) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASCC3
Synonyms:	ASC1p200; HELIC1; RNAH
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_022091 edited ATGGCTTTACCTCGTCTCACAGGAGCCTTGCCTTCTTTCAAATGTCACCAAGCAAGAT AATTATAATGAAGAAGTGGCTGACTTAAAGATAAAGCGATCTAACTTCATGAACAAGTT TTAGATTTGGCCCTGACATGGAAGAAGATAATAAAATTTTTGAATGAAAACTGGAGAAG AGTAAAATGCAAAGTATAAATGAAGACTTAAAAGATATATTACATGCTGCAAAGCAGATA GAAGTGAATTGTCCATTCCAGAAGAGGAGGCTGGATGGAAAAGAGGAGGATGAGAAGATG AGCAGAGCTTCTGACAGATTCAGAGGACTAAGATGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022091 unedited GAATTCGGCAGGAGGTCTGTGCGTCTGTGCTGTCTGTCTGACTGAGGTCTCACAC GCGGTTCCCTGTGACTGGGCGCGACCCCGCAAGCGCGCTTGGAGGGCGGACGGGGCGC GGCGATACAGCTGCCCGCTCGCATCTTTGGCCCTGCGCTCAGCTCCTCACCCGGCGTGGG AAGTTAAAGTAAAACCGAAAGGAAGAAGGCGCGTGGCAGGAGCTGACAGAGTATGGG AAACGCGTGAGCCAGGCCGAGAGTTTCAGGTTTCTTGCTGTATGGATCACTGATTGAATA ATAGATGGCTTTACCTCGTCTCACAGGAGCCTTGCCTTCTTTCAAATGTCACCAAGCA AGATAATTATAATGAAGAAGTGGCTGACTTAAAGATAAAGCGATCTAACTTCATGAACA AGTTTTAGATTTGGCCCTGACATGGAAGAAGATAATAAAATTTTTGAATGAAAACTGGA GAAGAGTAAAATGCAAAGTATAAATGAAGACTTAAAAGATATATTACATGCTGCAAAGCA GATAGAAGTGAATTGTCCATTCCAGAAGAGGAGGCTGGATGGAAAAGAGGAGGATGAGAA GATGAGCAGAGCTTCTGACAGATTCAGAGGACTAAGATGACAAAAATGACTAAAAATGGAC AAAAGAAGAAATAGAAAATCTGAATATTTGACTATTAAGGAATTTAATCTGTAATTA AACCTTAAGTACAAGAAATCTATATGCTATGATGGGCTTTATGGAAGATGTCATAATGT CATTAAGGTTTGGAGTACTATTGTAGATTAAGAGGTTAAGGCATATAATAATCAA ATGTAATGGATGATCCTTGGATGACTCTTGATAGAAAAAATACGTATTTTTGGGGCCGN TGGAGAATCTGGAATGGGCTGGNACTCTTAGGAAATTAACCCAGGAAAAAGTA
Restriction Sites:	NotI-NotI



[View online »](#)

<b>ACCN:</b>	NM_022091
<b>Insert Size:</b>	3510 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>	<a href="#">NM_022091.2</a> , <a href="#">NP_071374.1</a>
<b>RefSeq Size:</b>	700 bp
<b>RefSeq ORF:</b>	336 bp
<b>Locus ID:</b>	10973
<b>UniProt ID:</b>	<a href="#">Q8N3C0</a>
<b>Cytogenetics:</b>	6q16.3
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a protein that belongs to a family of helicases that are involved in the ATP-dependent unwinding of nucleic acid duplexes. The encoded protein is the largest subunit of the activating signal cointegrator 1 complex that is involved in DNA repair and resistance to alkylation damage. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (2) lacks several exons in the 3' coding region and includes an alternate 3' terminal exon compared to variant 1. The encoded protein (isoform b) has a distinct C-terminus and is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>