

## Product datasheet for **SC304383**

### ASB4 (NM\_016116) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASB4 (NM_016116) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB4
Synonyms:	ASB-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304383 representing NM_016116. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGGACGGCACCCTGCCCCTGTCACTAAATCTGGAGCTGCCAAGTTAGTTAAGAGAAATTTCTTGAG  
 GCGCTAAAGTCCAATGACTTCGGAATAATGAAGGCTATTTTGATCCAAAGGCAATAGATGTGGACACT  
 GTTTTGAAGTCGAAGATGAGAATATGGTTTGGCATCTTATAACAAGTTACTGGTTGCTAGCTAT  
 AAATTGAAGTCTTCTGGGCCACAGGCTCCATCTCTGTCTTGTGGCCATGTGGAATGTCTTCTG  
 GTGCTACTGGACCACAATGCTACAATCACTGTAGACCAATGGGAAAACCCCTTTCACGTGGCTTGT  
 GAAATGGCCAATGTGGATTGTGTTAAGATCCTCTGTGATCGTGGGCAAAGCTCAATTGCTACTCCTTA  
 AGTGGACACACAGCTTTGCACTTTGTACAACCAAGTTCCATTCTCTGTGCCAAGCAATTGGTTTGG  
 AGAGGGGCGAATGTGAACATGAAGACCAACAACCAAGATGAGGAGACGCCCTTGACACGGCTGCCAC  
 TTCGGCCTTTTCGGAGCTGGTGGCCTTCTACGTGGAACACGGGGCCATAGTGGACAGCGTGAATGCCAC  
 ATGGAGACCCCTGGCCATCGCCGCTACTGGGCCCTCCGCTTTAAGGAGCAGGAGTACAGCACGGAG  
 CACCACCTGGTCTGCCGATGCTGCTTGACTACAAAGCCGAAGTCAATGCCCGAGATGACGACTTTAAA  
 TCTCCCTCCACAAGGCAGCCTGGAACGTGTGACCACGTGCTCATGCACATGATGCTGGAAGCTGGCGCC  
 GAAGCCAATCTCATGGATATCAACGGCTGTGCTGCCATCCAGTACGTGCTGAAGGTCACCTCCGTGCGC  
 CCTGCTGCCAGCCTGAGATCTGCTACCAGCTCCTGTTGAACCATGGGGCTGCCGAATATACCTCCA  
 CAGTTCCATAAAGGTGATACAGGCTGCCATTCTTGTCCTAAAGCAATTGAAGTTGTAGTCAATGCCAT  
 GAACACATCAGATGGAACACAAAGTGGAGAAGAGCTATCCCCGATGATGACTTGGAGAAATACTGGAT  
 TTTTACCACTCTCTTTACTGTGTGCTGTAACCTCCAAGGACTCTCATGCACTTATCGAGATGTGCC  
 ATTAGAAGAACATTACACAACAGATGCCATAGAGCAATTCCTTTGCTTTCCCTCCCATTTGTCATTGAAA  
 AAGTACTTGCTTTTAGAGCCAGAGGGAATTATTTAA**AA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_016116
<b>Insert Size:</b>	1281 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>	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_016116.2</a></u>
<b>RefSeq Size:</b>	3824 bp
<b>RefSeq ORF:</b>	1281 bp
<b>Locus ID:</b>	51666
<b>UniProt ID:</b>	<u><a href="#">Q9Y574</a></u>
<b>Cytogenetics:</b>	7q21.3
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	48.2 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants have been described for this gene but some of the full length sequences are not known. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer 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>