

Product datasheet for SC331451

ASB2 (NM_001202429) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ASB2 (NM_001202429) Human Untagged Clone
Tag: Tag Free
Symbol: ASB2
Synonyms: ASB-2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331451 representing NM_001202429.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCCACGCAGATCAGCACTCGGGGCAGCCAGTGTACCATTGGGCAGGAGGAGTACAGCCTGTACAGC
AGCCTGAGCGAGGATGAACTGGTGCAGATGGCCATCGAGCAGAGCCTAGCGGACAAGACAAGGGGCCCA
ACCACTGCTGAGGCCACCGCTGTCATGTACCAACCGCCAACCTGCCATTTCTACCCATGGACCAGG
TCCACTGCACCTCCTGAGAGTTCGCCGGCCCGGGCCCAATGGGCTTGTCCAAGGGTTCATGCAGAAA
TACAGCAGCAGCTTGTCAAGACCTCCCAGCTGGCGCCTGCGGACCCCTTGATAAAGGCCATCAAGGAT
GGCGATGAAGAGGCTTGAAGACCATGATCAAGGAAGGGAAGAATCTCGCAGAGCCCAACAGGAGGGC
TGGCTGCCGCTGCACGAGGCCGATACTATGGCCAGGTGGGCTGCCTGAAAGTCCTGCAGCGAGCGTAC
CCAGGGACCATCGACCAGCGCACCTGCAGGAGGAAACAGCCGTTTACTTGGCAACGTGCAGGGGCCAC
CTGGACTGTCTCCTGTCCTGCTCAAGCAGGGGCAGAGCCGGACATCTCCAACAAATCCCGAGAGACA
CCGCTCTACAAAGCCTGCGAGCGCAAGAACCGGGAGGCGGTGAAGATTCTGGTGCAGCACAATGCAGAC
ACCAACCACCGCTGCAACCGCGGCTGGACCCTGTCACGAGTCTGTGTCTCGCAATGACCTGGAGGTC
ATGCAGATCCTGGTGAGCGGAGGAGCAAGGTGGAATCCAAGAACGCCTACGGCATCACCCCTTGTTC
GTGGCCGCCAGAGTGGACAGTTGGAGGCTTGGAGTTCTTAGCCAAGTACGGTGTGACATCAACACG
CAGGCCAGCGACAACGCGTCTGCCCTACGAGGCTGCAAGAATGAGCATGAGGAGGTGGTGGAGTTT
CTGCTGTACAGGGTGCCGACGCCAACAAGACCAACAAGGACGGCTTGCTCCCGCTGCACATCGCCTCC
AAGAAGGGCAACTACAGGATCGTGCAGATGCTGCTGCCGGTGACCAGCCGACGCGCATACGCCGTAGC
GGCGTCAGTCCGCTGCACCTGGCGGCCGAGCGCAACCACGACGAGGTGCTGGAGGCGCTGCTGAGCGCG
CGCTTCGACGTGAACACGCCGCTGGCCCCGAGCGCGCGCCTCTACGAAGACCGGCGCAGCTCCGCG
CTGTACTTCGCGGTGGTCAACAACAACGTGTACGCCACCGAGCTGCTGCTGCAACACGGCGCCGACCCC
AACCGCGACGTCATCAGCCCTTGTCTGTGCCATCCGCCACGGTGCCTGCGCACAATGCAGCTGCTG
CTGGACCAGGCGCAACATCGACGCTATATCGCCACGACCCCAACCGCTTCCCCGCCACCATCATG
TTGCCATGAAGTGCCTGCTGCTCAAGTTCCTCATGGACCTGGGCTGCGACGGCGAGCCCTGCTTC
TCATGCCTTACGGCAACGGCCCGACCCGCGCCCGCAGCCCTCCAGCAGGTTCAACGACGCGCCC
GCGGCCGACAAGGAGCCAGCGTGGTGCAGTTCTGTGAGTTCTGTATCTGCCCCAGAGGTGAGCCGCTGG
GCGGGGCCATCATCGATGTCCTCCTGGACTACGTGGGCAACGTGCAGCTCTGCTCGCGGCTGAAGGAA
CACATCGACAGCTTTGAGGACTGGGCGTCAAGGAGAAGGCAGAACCTCCAAGACCTCTGGCTCAC
CTTTGCCGACTGCGGGTTCGAAAGGCCATTGGGAAATACCGTATAAAAACCTTAGACACCTTGCCGCTC
CCAGGCAGGCTGATTAGATACCTGAAATACGAGAACACCCAGTAA
  
```



[View online »](#)

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001202429
Insert Size:	1908 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_001202429.1
RefSeq Size:	2781 bp
RefSeq ORF:	1908 bp
Locus ID:	51676
UniProt ID:	Q96Q27
Cytogenetics:	14q32.12
Protein Families:	Druggable Genome
MW:	70.2 kDa

Gene Summary:

This gene encodes a member of the ankyrin repeat and SOCS box-containing (ASB) protein family. These proteins play a role in protein degradation by coupling suppressor of cytokine signalling (SOCS) proteins with the elongin BC complex. The encoded protein is a subunit of a multimeric E3 ubiquitin ligase complex that mediates the degradation of actin-binding proteins. This gene plays a role in retinoic acid-induced growth inhibition and differentiation of myeloid leukemia cells. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).