

Product datasheet for **SC101911**

ASB6 (AK022220) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB6 (AK022220) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK022220, the custom clone sequence may differ by one or more nucleotides

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ATAACAAGCCCTAAATAAAAATAGAGGTGGACTTTGCTCATGGAGTGTTACATCAGTTCTCCAAAACCTA
ATTGATAATTTTCAGTGCAATCTCTGGTAATTATAGCAGATTTTTTTTTTTGTGGAATTGAGAAGCTGAA
TCTAAAACCGATATGAAATACAAATGAGTAAGAGTAGCCAAAACAGTAAGTTACTCATCCCAAGTATTAA
GACTGTGCAGCTACAGTGATGAGAGTGTAGTGCTGGTAAGAGGACTGGCAGCAGGCCAGTGGGGTGGAA
TGGAGCCCGAAAAGTGAACCACAAACTTTTGGTTCACAGAGGTACCAGGATAAATCAAGGGGAGGAATT
GTCTTATCTACAGGTGGTCTGGCAACAGAGTATTACAGGAAAAATGGTGAACGTTAACCCCTTGCATCA
TATGCAAAAAATTATTTGAAACAGGTCTAAGAACTAAAACCTCAAACTTCTAGGAGAAAAACAGGGA
AAAATCTCTGTGGCCTTGACCATGCAAAAATTTCTTGGGACACAAAAAGCATGAGCCACAAAAGAAAACG
TTGATAGTGGGATCTCATAAAATTTCAAACCTCTTTTCTTTGAAAGACAGTTAAGAAAATAAAAAGGC
AAGCCACGCCCTCCAAAATACATGCAGTACATATACAGGACAAAAGGACTTATTTCTAGAACCTGTAAG
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CCAGAAGGTATATGAGTGGGCATTAAGCACACACAGGGTATCATTATTTATCAGGGACATGCAAAATTCAC
CCATGAGCTACCTGAACATACTTGTCTAGAAATGGTCAAAAATGAAGAAGAGACAGTCTTCATTGTTGATAAG
GATATGGAGCAGTTGAAACGCTCACACGTTATTGATAGGAATGTAATGGGGCCGGGTACAGTGGCTCA
TGCCTGTAATCCCAGCACTTTGGGACGCCGAGGCAGTCCGATCACTTGAGGTTAGGAGTTGAGACCAGC
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TAATCCCAGCTACTCAGGAGACTGAGGCAGGAGAATCACTGGAGATGGGGAGGATCACTTGAACCAAGA
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AAAACAAAAATAGGGAATGTAATAATGGTACCATTGTTTTGGAAAACAGTTTGGCAGTTTCTTATTAAGGT
AGACGAACACTTCCATGTGACCAAAACAATCAACTTTTTATTTCCCAAGAGAAAATAAAAACCTATGTCCA
TGCAAAGACTGTTACTACTTTATGTATAATATCAATAAACTGAAAATAACCCTGACTTCCATCAAGAATG
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TACAGCAGTATCTATGGATCTCAAAAACAGGAAAGAGGCCAAAACAATGAAGTATGTGCCATACAATTT
ATTTATTTGCAATTCTAGAAGCTAACTAATCCATAGGGACAGAAGGCATGTCTGTGGTTGCCTGGGGT
GGGTGTGGAGGAAAGACTCCCTACCAGTGGGTACAAGGGAACCTTCTGGGCATGATGAGAATATTCTGT
ATCTTCATTGTGGCTTGATGTTATGTTTGTCAAACTCATTGAACTCTACACTTCAGATGGGTGCATTT
ACCATATATGTCATCTCTCAATAAACTGAATTTTTAAAAATTAAGGAATTTACTTAATTGCAAAAAGAG
GACTGGAAGGAAAGGCTGCCGAGCATCTTGGCCTGCTGTACCCCTCTTCCCTCAAAGGAGGGTGTGGCC
ACGTCCGACAGCAGAGTTGAATGAAGCCTGCATGCTTGCAACAATCAGAACTGTCAGAATGTCAAGATG
GAATACTTTCAATTGAGTTTTACAAAAGACAAGAAATTTGCTGGGTGTGGTGGCGCATGCCTGTAATCC
TAGCACTTTGGGAGGCCAAGGTGGGGAATTGCTTGTAGTCAGGAGTTTAAAGCCATCCCAGCAGCAAA
GTGAGACCCTGTTTTACTT
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK022220 unedited
 NNGGGGTTCAAATTTGTATACGACTCATATAGGCGGCCGCAAATTCGCACGAGGGTGAA
 GCAAGGGNAACCATAGNANAAAAACAACATTAGAGTGTCCATAAAACATCCTAAGGAACCC
 ACAGAGAACCCACTAGAACTAATAAGTAAAGTTAGCAAGTTGAAGAATTCAGGTCAGT
 ATACAAAGACCAATTGTATTTCTGTGTATTAGCAATAACAATTGGAAAAATGAAATTTTA
 AAAATTCATTTTCATTAGCAATTTTCAGTAGCATCTAAAACTCGAAATATGGAGGAATAA
 ATTTAAGAAAAATATTTGTAGGACATGCACATTGATAACAAGCCCTAAATAAAAAATAGAGG
 TGGACTTTGCTCATGGAGTGTTACATCAGTTCTCCAAAACTAATTGATAATTTTCAGTGC
 AATCTCTGGTAATTATAGCAGATTTTTTTTTTTTGTGAAAATTGAGAAGCTGAATCTAAAA
 CCGATATGAAAATACAAATGAGTAAGAGTAGCCAAAACAGTAAGTTACTCATCCCAGTAT
 TAAGACTGTGCAGCTACAGTGATGAGAGTGTAGTGTGGTAAGAGGACTGGCACGCAGGC
 CAGTGGGGTGGAAATGGAGCCCGGAAAGTGAACCACAACTTTTGGTTCACAGAGGTACCA
 GGATAATTCAGGGGGAGGAATTGTCTTATCTACAGGTGGTTCTGGCAACAGAGTATTCA
 CAGGAAAAATGGTGAACGTTAACCTTGCATCATATGCAAAAAATATTTGAAACAGGTC
 ATAAGAATAAAACCATCAAATCTTANGAGAAAAACAGGGAAAAATCTCTGTGGCCTT
 GACCATGCANAAAATTTCTGGGACAAAAAGCATGAGCCACAAAAGAAAAACGTGATAGG
 TGGGATCT

3' Read Nucleotide Sequence:

>OriGene 3' read for AK022220 unedited
 GGTTTCTATTAAGCGGCCGCAATCTAAGATCGATTTTTTTTTTTTTTTTTTTAAGTAAAAA
 CAGGGTCTCACTTTGCTGCTCGGATGGTCTTAACTCCTGACTACAAGCAATTCACCCCA
 CCTTGGCCTCCCAAAGTCTAGGATTACAGGCATGCGCCACCACCCAGCAAATTTCTT
 GTCTTTTTGTAAAACCAATTGAAAGTATTCATCTTGACATTCTGACAGTTCTGATGTT
 GTGCAAGCATGCAGGCTTCATCAACTCTGCTGTCGGACGTGGCCACACCCTCCTTTGAA
 GGAAGAGGGGTACAGCAGGCCAAGATGCTCGGCAGCCTTTCTTTCCAGTCTCTTTTGC
 AATTAAGTAAATTCCTTTAATTTTTAAAAAATTCAGTTTATTGAGAGATGACATATATGG
 TAAATGCACCCATCTGAAGTGTAGAGTTCAATGAGTTTTGACAAACATAACATCAAGCC
 ACAATGAAGATACAGAATATTCTCATCATGCCAGAAAGTTCCCTTGTACCCACTGGTAG
 GGAGTCTTTCCCTCCACACCCAACCCAGGCAACCACAGGCATGCCTTCTGTCCCATGG
 ATTAGTTAGCTTCTAGAATTGCAAATAAATGAAATTTGATGGCACATACTTCATTGTTT
 GGCTCTTTCCCTGTTTTTGAGATCCATAGATACTGCTGTATGATTAATAATCATTTCAT
 TTTTACTGCTGTGGCACTCCACTGCTACAAACATACCAAATATCCATTTTCATTCTTGA
 TGGAAGTCAGGNTTATTTTCAGTTTATTGATATATACATAAAGTAGTAACAGTCTTTGCA
 TGGACATAAGTTTTTATTTCTCTTGGGAAAAATAAAGTTGAATTGTTTGGTCACTGGAAN
 TT

Restriction Sites:

NotI-NotI

ACCN:

AK022220

Insert Size:

2400 bp

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).

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:

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: [AK022220.1](#)

RefSeq Size: 2190 bp

RefSeq ORF: 2190 bp

Locus ID: 140459

Cytogenetics: 9q34.11

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contain a C-terminal SOCS box motif. Growing evidence suggests that the SOCS box, similar to the F-box, acts as a bridge between specific substrate-binding domains and the more generic proteins that comprise a large family of E3 ubiquitin protein ligases. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jan 2011]