

Product datasheet for **SC103246**

ASB6 (AK093539) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB6 (AK093539) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK093539, the custom clone sequence may differ by one or more nucleotides

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TTCCAAGTCCCTGCAAAGAAGCACCCTAGACTGGCAAGGCCTCCACAGTGTGGAGGTCCCATTTTA
TTATTTTTTTTTTCGAGACACTGTGACCCAGGCTGGAGTGAATGGTGAATCTCGGCTCACTGCGA
CCTCTGCCTCCCAGGTTCAAGCAGTTCTCCTGCCTCAGCCTCCTGAGTAGCTGGCATTATAGGTGCCAC
CACCATGCCTGGCTGATTTTTGTATTTTTAGTAGAGACGGGTTTCGCCATGTTGGTCAGGCTGGTCTCA
AACTCCTGACCTCAGGTATTGCTCCTGCCTCGGCTTTCAAAGTGTGGGATTACAGACATGAGCCACTG
TGCCCGGCCCCATTTTATTTAGTTTTATTTGAGACAGAGTCTCGCTCTGTCACCTAGGCTGGAGTGC
AGTGGCGCAATCTCAGCTCACTGCAAGCTCTGCCTCCCGGCTCACCCATTCTCCTGCCTCAGCCTCCT
GAGTAGCTGGGACTACAGGCGCCGCCATCACGCTGGCTAATTTTTTTTTTTTTTTTGTATTTAAGTAGA
GACGGGGTTTACCTGTTAGCCAGGATGGTCTCAATCTCCTGACCTCGTGATCTGCCCGCTCGGCTCC
CAAAGTGTGGGATTACAGGCGTGAGCCACCGCGCCAGCCCATTTTATTTTTACTTTAAATGCCTGC
CAAGGAGCAGCCTCAAGCCAGAGAAGACTGAGGCTACGGGGAATTCCCTTGCTGCAGGCTGTTGTAAC
ACTTTAAGGGCCCAAGTCTCCACTGCCAAGCAGGACTTGGCACATGAGCACCCACCCACAGCACCATC
AGGCAGCACCCATGGGCTCCACCAGCCAGCTCTGTCCCTCCCTAGGTAAGATCACACTGAAGTCTTC
AAGTCCCCAGCAACCAAGTTGGGGTGGTTTCTTCTCTTTCAGGCAGCCAGGCCATGGCTGGAAGGCC
GGGCTGGAGGCCAGGGAATCGGTTACTGATGTGGCCACCCTATCCACATGGGGAGCACCAGGAGCCC
TGGAGCCCCTCCACCAATCCCATCTCGCAGGAGAGCAGGGTCTGGGCTCCTGCCTCACCGCTGGTTCA
GCAGCACCTCCCGCCGGTCCCACCTTGCCCTTTGAAGAAGAGCCGCATAATGAGTGGACGGCAGAC
AGCTATATTTAGTGGTGCCTCGACACTCACGAACCGCCAGCGTGGCGCTGGATCTTGCCAGCTGCCAG
CTCCCCCACCAGGACTGTGGTTCTCAGTTTTCTCCTGCCAGCCCGGCTCATCTCAGGGCAAAGCTATA
GACATGGTAGATCTCATCGGGGAGGTTCTCCTGCCTCTCCTCGGCCAGGAGGCTGAGGCCTGCACTGCAG
ATGATCCTGCGGACCACGTCAAGGTCCCGGCACACGCTGTGTCCACGTGTCAGAAATCACGCCCTCCT
GGGCCATGTTGTCTTTGATGACGATGATGCCGTTGGGGCGGAGGCTGCCCTTGACAGCGCCGCTGGAATC
GGCCAGGTGCTGATCGGTGAGGTGGCTGGGGAGGGCAGAGGCAAGGTTACCAGGGCACCATGCAAGCGG
ATGTCGGCACTGGATGGGATGTACTTCTCAGCCCCGCTGAGCCCCCTATTTGTGCCAGCATTTTGTGTG
CACACATGGCCTCATTGGCTCTCAGTCCCAGAGATTTACTAAACCCCAATTCATAGAATAGGAACTGT
GGCTCAGAGGTCATCTACCTAAAGACACATTAAGCCAGAATTTGACTTGATGGGATGGCTTACAAGTCTT
GCCTGATACCTACACACCATGATGCCCCACCCTGCCAGGCTTGATCGGAGGAGTGAACCTGGGCTAAG
AGTTTGGCATTGCAGGAGCTCCCAGAGAGACTGCCTTCCCTACACTAGAAGTCCCACAAAGGCTTCTGA
GACCACAAAATACAAGGCCAGACCTAGAGTGTCCACAGCAGGCCTGTGCTGCCCGCTCAGGAGGTGGCC
GACTGCTGCTAGCGGCTGCCGCCACGTGAGCAGCCAGGGCACAGCGCTCGAGGTGTGCTGTTAGGCTA
AGAGGGTGCAGGGCTAGACACGAAGCTAAACTATTCTTATTAATAAAATAAAACCTTATAAACTC
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK093539 unedited TGCACCATTTGTATACGACTCATATAGGCGGCCGCAATTCGGCACGAGGCTCAGGGCAA AGCTATAGACATGGTAGATCTCATCGGGGAGGTTCTCCTGCCTCTCCTCGCCAGGAGGC TGAGGCCCTGCACTGCAGATGATCCTGCGGACCACGTCAAGGTCCCGGCACACGCTGCTGT CCACGTCGTCCAGAATCACGCCCTCCTGGGCCATGTTGTCTTTGATGACGATGATGCCGT TGGGGCGGAGGCTGCCCTTGCAGCGCCGAGGAACCTCGCCAGGTGCTGATCGGTGAGGT GGCCTGGGGAGGGCAGAGGCAAGGTTACCAGGGCACCATGCAAGCGGATGTCGGCACTGG ATGGGATGTAATTCTCAGCCCCGCTGAGCCCCATTTGTGCCAGCATTTTGTGTGCAC ACATGGCCTCATTGGCTCTCAGTCCCGAGAGATTTACTAAACCCCAATTCATAGAATAGG AAACTGTGGCTCAGAGGTCATCTACCTAAAGACACATTAAGCCAGAATTTGACTTGACGG GATGGCTTACAAGTCCTGCCTGATACCTACACACCATGATGCCCCACCCCTGCCAGGCTT GGATCGGAGGAGTGAACCTGGGCCAAGAGTTTGGCATTGCAGGAGCTCCCAGAGAGACTG CCTTCCCTACACTAGTAGTCCNCACATAGGCTTCTGAGACCACAAAATACAATGCCAGAC CTAGAGTGTTCACAGCAGGCCTGTGCTGCCCGCCTCAGGAGGTGGCCGACTGCTGCTATG CGCCTTGGCCACGTGAGCAGCCAGTGCACAGCGCCTTCGAGTGTGCTTGTAAAGCTTAG AAGGTGCATGGCTAGACACGAAAGCTAAACTATTCATTTATAAAAATAAAACCCCTNATA AACTTAAAAAACAATAAACTCGACTCTAAT
Restriction Sites:	NotI-NotI
ACCN:	AK093539
Insert Size:	1000 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:	<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:	AK093539.1
RefSeq Size:	2169 bp
RefSeq ORF:	2169 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]