

Product datasheet for **SC124296**

ASB3 (NM_145863) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB3 (NM_145863) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB3
Synonyms:	ASB-3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145863, the custom clone sequence may differ by one or more nucleotides

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ATGAAGACCTTTGAAGGTTTCTGTGCTTTGCATCTCGCTGCAAGTCAAGGACATTGAAAAATCGTACAGA
TTCTTTTGAAGCTGGGGCAGATCCTAATGCACTACTTTAGAAGAAACGACACCATTGTTTTAGCTGT
TGAAAAAGGACAGATAGATGTGTTAAGGCTGTTGCTTCAACACGGAGCAAATGTTAATGGATCCCATTCT
ATGTGTGGATGGAACCTTGCACCAGGCTTCTTTTCAGGAAAATGCTGAGATCATAAAATTGCTTCTTA
GAAAAGGAGCAAACAAGGAATGCCAGGATGACTTTGGAATCACACCTTTATTTGGCTGCTCAGTATGG
CAAGCTAGAAAGCTTGACATACTTATTCATCGGGTGCAAATGTCAATTGTCAAGCCTTGACAAAAGCT
ACACCCTTGTTTATTGCTGCTCAAGAGGGACACAAAAATGTGTGGAGCTTTGCTCTCCAGTGGGGCAG
ATCCTGATCTTTACTGTAATGAGGACAGTTGGCAGTTACCTATTGATGCAGCTGCACAAATGGGCCATAC
AAAAATCTGGACTTGTTAATACCACTTACTAACCAGGCTGTGACACTGGGCTAAAAAAAGTAAGCCCT
GTTTACTCAGCAGTGTGGGGGACATGAAGATTGCTAGAAAATTTACTCCGGAATGGCTACAGCCAG
ACGCCCAGGCGTGCCCTGTTTTGGATTGAGTTCTCCTGTGTGCATGGCTTTCCAAAAGGACTGTGAGTT
CTTTGGAATTGTGAACATTCTTTTGAATATGGAGCCAGATAAATGAACTTCATTTGGCATACTGCCTG
AAGTACGAGAAGTTTTCGATATTTGCTACTTTTTGAGGAAAGGTTGCTCATTGGGACCATGGAACCATA
TATATGAATTTGAAATCATGCAATTAAGCACAAGCAAAATATAAGGAGTGGTTGCCACATCTTCTGGT
TGCTGGATTTGACCCACTGATTCTACTGTGCAATCTTTGGATTGACTCAGTCAGCATTGACACCCTTATC
TTCACTTTGGAGTTTACTAATTGGAAGCACTTGCACTGTTGAAAGGATGCTCTGCTCGTGCCT
CAAACGCTTGATTCTACAGCAACATATTGCCACTGTTCCATCCCTGACCCATCTTTGTCGTTTGGAAAT
TCGGTCCAGTCTAAAATCAGAACGCTCTACGGTCTGACAGTTATATTAGTCAGCTGCCACTCCCAGAAGC
CTACATAATTATTTGCTCTATGAAGACGTTCTGAGGATGTATGAAGTTCCAGAAGTGGCAGCTATTCAAG
ATGGATAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_145863 unedited</p> <pre>TCGAGATTATGTAATACGACTTACTATAGGGCGGCCGCGAAAATTCGCACGAGGCCTCGTG CCGAATTCGGACGAGGGAGAGAGAAGAGGTCGCCTGCGCGTCTCTCGTTTTCCGACGG CTGCAGCATCGCGGTGGGGATCGAAAGCGGGGGCTTCTGGGACGCAGCTCTGGAGACGG GCCTCGGACCAGCCATTCGGGTGAGAAGTGGCAGCACGGCAGATTTCATCTGAAAACCTAC ATTAAGATGAAGACCTTTGAAGGTTTCTGTGCTTTCATCTCGCTGCAAGTCAAGGACAT TGGAAAATCGTACAGATTCTTTTAGAAGCTGGGGCAGATCCTAATGCAACTACTTTAGAA GAAACGACACCATTGTTTTAGCTGTTGAAAATGGACAGATAGATGTGTTAAGGCTGTTG CTTCAACACGGAGCAAATGTTAATGGATCCCATTCTATGTGTGGATGAACTCCTTGCAC CAGGCTTCTTTTCAGGAAAATGCTGAGATCATAAAATTGCTTCTTAGAAAAGGAGCAAAC AAGGAATGCCAGGATGACTTTGGAATCACACCTTTATTTGTGGCTGCTCAGTATGGCAAG CTAGAAAGCTTGAGCATACTTATTTTCATCGGTGCAAATGTCAATTGTCAAGCCTTGGAC AAAGCTACACCCTTGTTTCATTGCTGCTCAAGAGGGACACAAAAATGTGTGGAGCTTTTG CTCTCCAGTGGGGCAGATCCTGATCTTTACTGTAATGAGGACAGTTGGCAGTTACCTATT CATGCAGCTGCACAAATGGGCCATACAAAAATCTTGGACTTGTTAATACCACTTACTAAC CGGGCCTGTGACTGGGCTAAACAAAGTAAGCCCTGTNTACTCAGCAGTGTGGGGGA CATGAAAGATGCCTANAATATACTNCGAATGGCTACAGNCCANACGCCACGGTGCCT TGTTTGGNATCAGTCTNCTGGTGCATGGCTTCA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_145863 unedited</p> <pre>AATTAGCTTGNACCGGCCCGCTTTTCGAGGATCGAGTTTTTTTTTTTTTTTTTTTACTGG NGAAGCTAGTTGTAACATAAACATTCTCACTGAACTACTGGCCCCCAAACCTAACCT ATCTCACAAATCAATAATCATCTTTTACTATAAAAATCATAAAAACTTGTACTCTGTGGCT CTTTTGTCTCGATGATTTTTAGAGAAAAAAATAGCTGTGTTAAGTAGTTTCACTGATT TATCCATCTTGAATAGCTGCCAGTTCTGGAACCTCATAACATCCTCAGAACGTCTTCATAG AGCAAATAAATTATGTAGGCTTCTGGGAAGTGGCAGCTGACTAATAAAGTGCAGACCGT AGACGTTCTGATTTTAGACTGGACCGAATTTCCAAACGACAAAGATGGGTGAGGGATGGA ACAGTGGCAATATGTTGCTGTAGAATCCAAGCGTTTGGGACGAGCAGAGAGCATCCTT TCAACAGCTGGTCAAGTGTCTTCCAATTAGTAACTCCAAGTGAAGATAAGGGTGTCA ATGCTGACTGAGTCAATCCAAGAATTGCACAGTAGAATCAGTGGGTCAAATCCAGCAACC AGAAGATGTGGCAACCACTCCTTATATTTTGTCTGTGCTTAAATTGCATGATTTACAAAT TCATATATATGGTTCCATGGTCCAATGAGCAACCTTTTCTCAAAAAGTAGCGAAATATC GAAAACCTTCTCGTACTTCAAGCAGTATGCCAAATGAAGTTCATTTATCTGGGCTCCATAT TTCAAAAAGAAATGTTTANCATTCCAAGAACTCACAGTCTTTTGGAAAGCCATGCACACA GGAGAAGTGAATCCAAAAACAGGCACGCTGGGCGTCTGGGCTGTAGCCATTCGGNAGT ATATTTNCTAGGCATCNTCATGTCCNNCAACAT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_145863
Insert Size:	1750 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: [NM_145863.1](#), [NP_665862.1](#)

RefSeq Size: 2005 bp

RefSeq ORF: 1338 bp

Locus ID: 51130

UniProt ID: [Q9Y575](#)

Cytogenetics: 2p16.2

Domains: ANK

Protein Families: Druggable Genome

Gene Summary: 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. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jan 2011]

Transcript Variant: This variant (2) lacks a segment in the 5' coding region and uses a downstream start codon, compared to variant 1. The encoded isoform (b) is shorter than isoform a. Variants 2 and 3 encode the same isoform (b).