

Product datasheet for **SC324441**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_145863.1
 AGCGGCCTCGGACCAGCCATTTTCGGTGTAGAAGTGGCAGCACGGCAGACTGGTCAAACAA
 ATGGATTTTACAGAGGCTTACGCGGACACGTGCTCTACAGTTGGACTTGCTGCCAGGGAA
 GGCAATGTTAAAGTCTTAAGGAAACTGCTCAAAAAGGGCCGAAGTGTGATGTTGCTGAT
 AACAGGGGATGGATGCCAATTCATGAAGCAGCTTATCACAACCTGTAGAATGTTTGCAA
 ATGTTAATTAATGCAGATTTCATGAAAACCTACATTAAGATGAAGACCTTTGAAGGTTTC
 TGTGCTTTGCATCTCGTCAAGTCAAGGACATTGGAAAATCGTACAGATTCTTTTAGAA
 GCTGGGGCAGATCCTAATGCAACTACTTTAGAAGAAACGACACCATTGTTTTAGCTGTT
 GAAAATGGACAGATAGATGTGTTAAGGCTGTTGCTTCAACACGGAGCAAATGTTAATGGA
 TCCCATCTATGTGTGGATGGAACCTCTTGCACCAGGCTTCTTTTCAGGAAAATGCTGAG
 ATCATAAAATTGCTTCTTAGAAAAGGAGCAAACAAGGAATGCCAGGATGACTTTGGAATC
 ACACCTTTATTTGGCTGCTCAGTATGGCAAGCTAGAAAAGCTTGAGCATACTTATTTCA
 TCGGGTGCAAATGTCAATTGTCAAGCCTTGACAAAGCTACACCCTTGTTTATTGCTGCT
 CAAGAGGGACACAAAAATGTGTGGAGCTTTTGTCTCCAGTGGGGCAGATCCTGATCTT
 TACTGTAATGAGGACAGTTGGCAGTTACCTATTCATGCAGCTGCACAAATGGGCCATACA
 AAAATCTTGGACTTGTTAATACCACTTACTAACCGGGCCTGTGACTGGGCTAAACAAA
 GTAAGCCCTGTTTACTCAGCAGTGTGGGGGACATGAAGATTGCCTAGAAATATTACTC
 CGGAATGGCTACAGCCCAGACGCCAGGCGTGCCTTGTGTTTGGATTTCAGTTCTCCTGTG
 TGCATGGCTTTCCAAAAGGACTGTGAGTTCTTTGGAATTGTGAACATTCTTTTGAATAT
 GGAGCCCAGATAAATGAACCTTCACTTTGGCATACTGCCTGAAGTACGAGAAGTTTTGATA
 TTTGCTACTTTTTGAGGAAAGGTTGCTCATTGGGACCATGGAACCATATATGAATTT
 GTAATCATGCAATTAAGCACAAAGCAAATATAAGGAGTGGTTGCCACATCTTCTGGTT
 GCTGGATTTGACCCACTGATTCTACTGTGCAATCTTGGATTGACTCAGTCAGCAGATTGAC
 ACCCTTATCTTCACTTTGGAGTTTACTAATTGGAAGACACTTGCACCAGCTGTTGAAAGG
 ATGCTCTCTGCTCGTGCCTCAAACGCTTGGATTCTACAGCAACATATTGCCACTGTTCCA
 TCCCTGACCCATCTTGTGCTTTGGAAATTCGGTCCAGTCTAAAATCAGAACGTCTACGG
 TCTGACAGTTATATTAGTCAGCTGCCACTTCCCAGAAGCCTACATAAATTTTGTCTAT
 GAAGACGTTCTGAGGATGTATGAAGTCCAGAAGTGGCAGCTATTCAAGATGGATAAATC
 AGTGAAACTACTTAACACAGCTAATTTTTTTCTGAAAAATCATCGAGACAAAAGAGCC
 ACAGAGTACAAGTTTTATGATTTTATAGTCAAAAGATGATTATTGATTGTGAGATAGGT
 TAGGTTTTGGGGGCCAGTAGTTCAGTGAGAATGTTTATGTTTACAACCTAGCCTTCCCAG
 TAAAAAAAAAAAAAAAAAAAAAAAAAATTGTAACATCACTTATATTACTTTATTGACAGCT
 TCATCACCAGTACATTATATGTTGTAATTTTATTACCTGATCATTTTGATCATTTTCT
 GCTTTATTTTGCTAATAAACTGTGATGTTACTTCTAGTGCTAAACATAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_145863

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).

OTI Annotation: 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.

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).