

Product datasheet for **SC310536**

ASB7 (NM_198243) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB7 (NM_198243) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310536 representing NM_198243. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTTACACCATCATTGTCTGAAGGAACCTGAGCTCCAGGAAGAGTTGCAGATTAGGCCGCGGTGGCT
 GCTGGGGATGTCCACACAGTGCAGAAAGATGCTAGAACAAAGGCTATTCCCCGAATGGCCGAGATGCGAAT
 GGCTGGACTCTGCTTCATTTCTGCAGCAAGAGGAAAGGAAAGATGTGTTCCGGTTTTTCTAGAACAC
 GGAGCTGATCCTACAGTTAAAGACTTAATCGGAGGCTTCACGGCTCTTCACTATGCAGCCATGCATGGC
 CGGGCCCGCATTGCACGCTTGATGTTAGAATCTGAATACAGGAGCGACATCATTAAATGCAAAAAGCAAT
 GACGGCTGGACTCCCCTCCATGTGGCTGCCCACTACGGCAGGACTCATTGTCCGGCTCCTCCTGGAG
 TTCAAGGCTGAGGTTGACCCACTCAGTGATAAAGGTACCAACCGCTTCAGCTCGCCATTATCCGAGAG
 AGGTCAAGCTGTGTGAAAATCCTCCTGGACCACAATGCCAACATCGACATTGAGAAATGGTTTCCTGTTG
 CGATACGCCGTGATCAAAAGCAATCACTCTTATTGCCGAATGTTCTTCAGAGAGGGGCAGACACAAAC
 TTGGGTCGCTTAGAAGACGGACAGACTCCTTTACACTTATCTGCCCTTAGGGATGATGTGCTGTGCA
 CGGATGTTATATAATTACGGAGCAGACACGAACACACGGAATATGAAGGACAGACCCATTGGCTGTT
 TCAATAAGTATTTCTGGAAGTAGTCGACCATGTTTGGATTTCTTACAAGAAGTACAAGACAGCCAGCA
 AACTTGCAGGACCTGTGCCGAATTAATAATTCGACAATGTATAGGCCTTCAAACCTAAAGCTACTGTAT
 GAACTACCAATTGCCAAGGTCATGAAAGACTACTTAAACACAAATTTGATGATATC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_198243
Insert Size:	957 bp


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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:	<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:	<u>NM_198243.2</u>
RefSeq Size:	4974 bp
RefSeq ORF:	957 bp
Locus ID:	140460
UniProt ID:	<u>Q9H672</u>
Cytogenetics:	15q26.3
Protein Families:	Druggable Genome
MW:	36 kDa
Gene Summary:	<p>The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contains a C-terminal SOCS box motif. Growing evidence suggests that the SOCS 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. In this way, SOCS box containing proteins may regulate protein turnover by targeting proteins for polyubiquitination and, therefore, for proteasome-mediated degradation. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 3' CDS and UTR, compared to variant 1. The resulting protein (isoform 2) is longer and has a distinct C-terminus, compared to isoform 1.</p>