

Product datasheet for **SC111870**

ASB7 (NM_024708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB7 (NM_024708) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024708, the custom clone sequence may differ by one or more nucleotides

ATGTTACACCATCATTGTCTGAAGGAACCTGAGCTCCAGGAAGAGTTGCAGATTCAGGCCGCGGTGGCTG
 CTGGGGATGTCCACACAGTGCAGAAAGATGCTAGAACAAAGGCTATCCCCGAATGGCCGAGATGCGAATGG
 CTGGACTCTGCTTCATTCTCTGCAGCAAGAGGAAAGGAAAGATGTGTTCCGGTTTTTCTAGAACACGGA
 GCTGATCCTACAGTTAAAGACTTAATCGGAGGCTTCACGGCTCTTCACTATGCAGCCATGCATGGCCGGG
 CCCGATTGCACGCTTGATGTTAGAATCTGAATACAGGAGCGACATCATTAAATGCAAAAAGCAATGACGG
 CTGGACTCCCCCTCCATGTGGCTGCCCACTACGGCAGGGACTCATTGTCCGGCTCCTCCTGGAGTTCAAG
 GCTGAGTTGACCCACTCAGTGATAAAGGTACCACACCGCTTCAGCTCGCCATTATCCGAGAGAGGTCAA
 GCTGTGTGAAAAATCCTCCTGGACCACAATGCCAACATCGACATTCAGAATGGTTTTCTGTGCGATACGC
 CGTGATCAAAAGCAATCACTCTTATTGCCGAATGTTCTTCAGAGAGGGGCAGACACAACTTGGGTCGC
 TTAGAAGACGGACAGACTCCTTTACACTTATCTGCCCTTAGGGATGATGTGCTGTGTGCACGGATGTTAT
 ATAATTACGGAGCAGACGACGAACACACGGAATATGAAGGACAGACCCCATTTGGCTGTTTCAATAAGTAT
 TTCTGGAAGTAGTCGACCATGTTTGATTCTTACAAGAAGTCACAAGTATGTAA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024708 unedited <pre> GGGTTCAAATTTTGTATACGACTCATATAGGCGGCCGCGAATTCGGCACGAGCAGGACTT CCTCCCTGCCTCCCTGCACCTCTGCCCCAAGCTGCCCGGCGGCCGGGATCGCCACCTCCT GCCTTCTCGGCTGTTTCGGATGTTTCGCCGGGCTGGGGCCGTGAGGCACCGAGGAGGATCAG GAACACCAGGGTCCGGCCCTGCCTGGGGTATTTCTTCAATGGAGAAGTTGGTGAGTGTAG AGGAGGCTGAAAGGAGGAAGAGAAGCAGCAGCTGAGGAGACAGGTTTGAGCTGGCTGAAG AAGACCGGAAAGCAGGAAGAGGCTGCCCCACCTATCAGAGAAGCAGAAGGCACAGTGCCT CTGACCAGCATCGTCTGTAAAGGTTAAGAAGGCTTTTTTGTCTGTAGCCTGGACGTACT TTGAAGCCCTCCCCACGATGCTGTACGTGCACAATGGTTACTAGGCAATCCGTACATCA GGAGAAGGGACACTCTTCATAAGGCTGATCCCGTAACCTAATGAATCCTTTGTAAAAA GTGGACTCAGCTAGGATGTTACACCATCATTGTGGAAGGAACCTGAGCTCCAGGAAGAG TTGCAGATTAGGCGCGGTGGCTGCTGGGGATGTCCACACAGTGCGAAAGATGTAGAA CAAGGCTATTCGCCGAATGGCCGAGATGCGAATGGCTGGACTCTGCTTCATTTCTCTGCA GCAAGAGGAAAGGAAAGATGTGTTTCGGGGTTTTTCTAGACACGGAGCTGATCCTACAGTT AAAGACTTTAATCGAGGGCTCACGGCTTCTCACTATGCAGCCATGCATGGGCCGGGCCCCG CATTGCACGCTTNGATGTTAGAAATCTGATACANGAGCGACATCATTATGCAAAANNGC ATGACGGCTGGACTNCCCTNCATGTGCTGNCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024708
Insert Size:	4700 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:	<u>NM_024708.2</u> , <u>NP_078984.2</u>
RefSeq Size:	1689 bp
RefSeq ORF:	825 bp
Locus ID:	140460
UniProt ID:	<u>Q9H672</u>
Cytogenetics:	15q26.3
Domains:	ANK
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, 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]
Transcript Variant: This variant (1) encodes the shorter isoform (1).