

Product datasheet for SC306284

ASB4 (NM_145872) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB4 (NM_145872) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB4
Synonyms:	ASB-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306284 representing NM_145872. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACGGCACCCTGCCCTGTCACTAAATCTGGAGCTGCCAAGTTAGTTAAGAGAAATTCCTTGAG
GCGCTAAAGTCCAATGACTTCGAAAAATGAAGGCTATTTTGTCCAAAGGCAAAATAGATGTGGACACT
GTTTTTGAAGTCGAAGATGAGAATATGGTTTTGGCATCTTATAACAAGTTACTGGTTGCCTAGCTAT
AAATTGAAGTCTTCTGGGCCACAGGCTCCATCTCTGTCTTGTGGCCATGTGGAATGTCTTCTG
GTGCTACTGGACCACAATGCTACAATCACTGTAGACCAATGGGAAAACCCCTTTCACGTGGCTTGT
GAAATGGCCAATGTGGATTGTGTTAAGATCCTCTGTGATCGTGGGCAAAGCTCAATTGCTACTCCTTA
AGTGGACACACAGCTTTGCACTTTGTACAACCAAGTTCCATTCTCTGTGCAAGCAATTGGTTTGG
AGAGGGGCGAATGTGAACATGAAGACCAACAACCAAGATGAGGAGACGCCCTTGACACGGCTGCCAC
TTCCGGCTTTTCGGAGCTGGTGGCCTTCTACGTGGAACACGGGGCCATAGTGGACAGCGTGAATGCCAC
ATGGAGACCCCTTGCCATCGCCGCTACTGGCCCTCCGCTTAAGGAGCAGGAGTACAGCACGGAG
CACCACCTGGTCTGCCGATGCTGCTTACTACAAAGCCGAAGTCAATGCCCGAGATGACGACTTTAAA
TCTCCCTCCACAAGGCAGCCTGGAACGTGACCACGTGCTCATGCATGATGCTGGAAGTGGCGCC
GAAGCCAATCTCATGGATATCAACGGCTGTGCTGCCATCCAGTACGTGCTGAAGGTACCTCCGTGGC
CCTGCTGCCAGCCTGAGATCTGCTACCAGCTCCTGTTGAACCATGGGGCTGCCGAATATACCTTCCA
CAGTTCCATAAGGTGAGGCTCTGCCAGTGGTCAGCAGGTTGAGGAAGATTCAAATGGCAGCCTGTCT
GAAATCTCCAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map: □



[View online »](#)

ACCN:	NM_145872
Insert Size:	1050 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).
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:	NM_145872.2
RefSeq Size:	1565 bp
RefSeq ORF:	1050 bp
Locus ID:	51666
UniProt ID:	Q9Y574
Cytogenetics:	7q21.3
Protein Families:	Druggable Genome
MW:	38.9 kDa
Gene Summary:	<p>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. Multiple alternatively spliced transcript variants have been described for this gene but some of the full length sequences are not known. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, compared to variant 1, that results in a frameshift. It encodes isoform b which has a shorter and distinct C-terminus which lacks a SOCS box domain compared to isoform a.</p>