

Product datasheet for **SC325907**

ASB14 (NM_001142733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB14 (NM_001142733) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC325907 representing NM_001142733.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGATAATTACACCAGCGATGAAGACATAGATGAAGACTTTGACACCCAGCTCATCATTCAACAGAGT
TTGCAGGATATTTATAAGCCAGGAACAGCACAACATGCACCTAAGGATGAGAGTTTGATTCTTTTTTG
AGCGTGACTATAAGAAGATAGTTGAAACAATAGAGAAAGGTAAGGAAGATGCATTGTCACACTTAACC
AAGTACCATTCCGCATTTGGTGAAGCAGATGAGATAGGCTGGATTCTCTGCATAAGGCTGCAGTGCAA
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AATGGTGAACGCCACTTTTTTTGGCTGTGAGCAGTTGCCCTTAGAAAAATGCCACTTTTCTTCTCTC
AATGGCTGCAATCCAATGCTAAGAATTCGAAGGCAATTCTCTCTTCTTGCAGCTGTGCTGCGTGAC
TGCTATGACATGGCTGCCTTGTGATCAACTATGGAGCAGATGTCAATCTGCGTTGTGCCAACGAGAGG
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CACCCTGACCCACAGAGCAGTATGGATTCACTCTCTTGTCTTGTGCCCCAAAGTGGACACACTGAA
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CTTGAAGCCGCAAGTGGAGGAAATCCAGATGCTGTGGCTCTCTTGTGGAGTATGGAGCTGATGCCAAC
ATCCCTAAGAATTCAGGCCACCTGCCCATCCATGTGGCAGCTGACAGGGGCCACTTACTAGCTCTAAAG
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CTCTCTTCAGTCAAGCTGCTTCTGAGTGTGAGCTCTGCCTAATCAAGACCCGGTTAAGTGCCTCCAG
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TTGTGATGGCTGCAACATCTCTGAAAGGTTGTTGAGTGATGCTTGATTATGTTGATCAAGTTCCG
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AACCTCGCTCCCTAAACATTTGTGCCGCTAAAGATCCGGAATGCATGGGACGGTTACATTTGCGC
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GACCTTTATGGACAAGGAATTTTACAGGAACCTGGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001142733

Insert Size: 1764 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:	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_001142733.2</u>
RefSeq Size:	3175 bp
RefSeq ORF:	1764 bp
Locus ID:	142686
UniProt ID:	<u>A6NK59</u>
Cytogenetics:	3p14.3
Protein Families:	Druggable Genome
MW:	65.2 kDa
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 a 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).