

Product datasheet for **SC328424**

ASB9 (NM_001168531) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB9 (NM_001168531) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001168531, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGATGGCAAACAAGGGGGCATGGATGGGAGCAAGCCCGCGGGGCCAAGGGACTTTCCT GGCATCAGGCTTCTTTCAAACCCATTGATGGGCGATGCTGTGTCTGATTGGTCTCCTATG CATGAAGCTGCAATCCACGGACATCAGCTGTCTCTGAGGAACCTCATCAGCCAGGGGTGG GCTGTGAACATCATCACGGCAGATCATGTTTCCCACTCCATGAAGCCTGTCTTGAGGT CATCTCTCTTGTGTGAAGATTTTATTAAGCATGGAGCTCAGGTGAATGGTGTGACAGCA GACTGGCACACTCCACTGTTTAAATGCTGTGTCAGCGGCAGCTGGGATTGTGTGAATTTG CTTCTGCAGCACGGAGCCAGCGTTCAACCTGAGAGTGATCTGGCATCCCCATCCATGAA GCTGCTAGGAGAGGCCACGTGGAGTGTGTCAACTCTCTTATAGCTTATGGGGCAACATT GACCAAGAATCAGCCACCTGGGCACTCACTCTATTTGGCTTGTGAAAACCAACAGAGA GCCTGTGTCAAGAAGCTTCTGGAGTCAGGAGCGGACGTGAACCAAGGAAAGGTCAGGAT TCCCCACTTCATGCAGTGGCCAGGACAGCCAGTGAAGAGCTGGCCTGCCTGCTCATGGAT TTTGGAGCGGACACCCAGGCCAAGAATGCTGAAGGCAAACGTCCTGTGGAGCTGGTGCCT CCAGAGAGCCCCTTGGCCAGCTCTTCTGGAGAGAGAAGGTGCTTCTTGCCAAACCT AAGCCCTAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001168531
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.


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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_001168531.1, NP_001162003.1</u>
RefSeq Size:	1962 bp
RefSeq ORF:	789 bp
Locus ID:	140462
UniProt ID:	<u>Q96DX5</u>
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a member of the ankyrin repeat and suppressor of cytokine signaling (SOCS) box protein family. Members of this family can interact with the elongin B-C adapter complex via their SOCS box domain and further complex with the cullin and ring box proteins to form E3 ubiquitin ligase complexes. They may function to mediate the substrate-recognition of the E3 ubiquitin ligases. A transcribed pseudogene of this gene has been identified on chromosome 15. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR and uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. It encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 1. Both variants 2 and 4 encode the same isoform (2).</p>