

## Product datasheet for RC201901

### ASB9 (NM\_001031739) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASB9 (NM_001031739) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ASB9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201901 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATGGCAAACAAGGGGGCATGGATGGGAGCAAGCCCGGGGCAAGGGACTTTCCTGGCATCAGGC  
TTCTTTCAAACCCATTGATGGGCGATGCTGTGTCTGATTGGTCTCCTATGCATGAAGCTGCAATCCACGG  
ACATCAGCTGTCTCTGAGGAACCTCATCAGCCAGGGGTGGGCTGTGAACATCATCAGGCAGATCATGTT  
TCCCCACTCCATGAAGCCTGTCTTGGAGGTCATCTCTTGTGTGAAGATTTTATAAAGCATGGAGCTC  
AGGTGAATGGTGTGACAGCAGACTGGCACACTCCACTGTTTAAATGCTTGTGTGTCAGCGGCAGCTGGGATTG  
TGTGAATTTGCTTCTGCAGCACGGAGCCAGCGTTCAACCTGAGAGTGATCTGGCATCCCCATCCATGAA  
GCTGCTAGGAGAGGCCACGTGGAGTGTGTCAACTCTTATAGCTTATGGGGCAACATTGACCATAAGA  
TCAGCCACCTGGGCACTCCACTCTATTTGGCTTGTGAAAACCAACAGAGAGCCTGTGTAAGAAGCTTCT  
GGAGTCAGGAGCGGACGTGAACCAAGGGAAAGGTGAGGATTCCCCACTTCATGCAGTGGCCAGGACAGCC  
AGTGAAGAGCTGGCCTGCCTGCATGGATTTGGAGCGGACACCAGGCCAAGAATGCTGAAGGCAAAC  
GTCCTGTGGAGCTGGTGCCTCCAGAGAGCCCCTTGGCCAGCTCTTCTTGGAGAGAGAAGGGCCCCCTTC  
TTTGATGCAGTTATGCCGCTTAGAATTCGGAAGTGTGTTTGAATCCAGCAGCATCATAAGATAACCAA  
CTCGTCTCCAGAGGATCTGAAACAGTTTCTCCTACATCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC201901 protein sequence  
Red=Cloning site Green=Tags(s)

MDGKQGGMDGSKPAGPRDFPGIRLLSNPLMGDAVSDWSPMHEAAIHGHQLSLRNLISQGWAVNIITADHV  
 SPLHEACLGHLSCVKILLKHGAQVNGVTADWHTPLFNACVSGSWDCVNLLLQHGASVQPESDLASPIHE  
 AARRGHVECVNSLIAYGGNIDHKISHLGTPLYLACENQQRACVKKLLLESGADVNQKGDSPHAVARTA  
 SEELACLLMDFGADTQAKNAEGKRPVELVPESPLAQLFLEREGPPSLMQLCRLRIRKCFGIQHHKITK  
 LVLPEDLKQFLLHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6310\\_d08.zip](https://cdn.origene.com/chromatograms/mk6310_d08.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001031739

**ORF Size:** 882 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [NM\\_001031739.3](#)

**RefSeq Size:** 1714 bp

**RefSeq ORF:** 885 bp

**Locus ID:** 140462

**UniProt ID:** [Q96DX5](#)

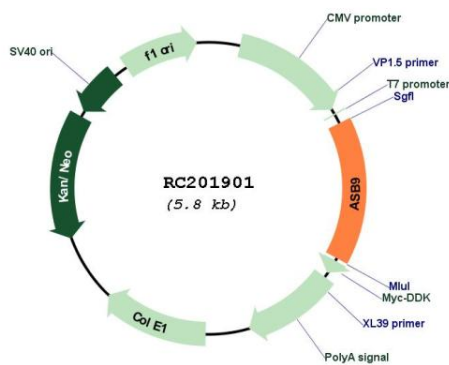
**Cytogenetics:** Xp22.2

**Protein Families:** Druggable Genome

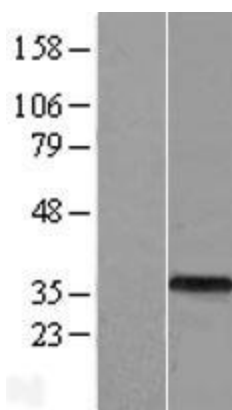
**MW:** 31.9 kDa

**Gene Summary:** 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]

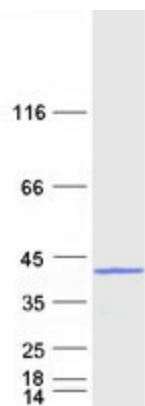
**Product images:**



Circular map for RC201901



Western blot validation of overexpression lysate (Cat# [LY422184]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201901 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ASB9 protein (Cat# [TP301901]). The protein was produced from HEK293T cells transfected with ASB9 cDNA clone (Cat# RC201901) using MegaTran 2.0 (Cat# [TT210002]).