

Product datasheet for **RC225789**

ASB18 (NM_212556) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	ASB18
Synonyms:	ASB-18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC225789 representing NM_212556
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCAACCTCGGATTACCTTCCCGACTACCCACTCAACTCAGATTTAGTGAAGAGATTAAAGTCTGCC
 TGGATGCCAAAGATGAGGAGAGAGTGAAGGATTTAATCTGCACTGAAATCACGCCTGTGGACGCTGTGAT
 AGAACTGGCCAATGACGACTGGATGAAAGACCCCTCGGCTCAGTCCCCACCGCATGCTGCTAGGGGAC
 CTCGACCATCTGAAGCCCTCATGGACAGTTCTTCCAGGATGCCAACGTGGTGTGATCAATAAGG
 ATGAGATGGAATGGCAGGTGAAATCTCCAGCCACGTTTGGACTATCAGGCCTCTGGACCTGGAGTACAA
 GCGTGAGCTCACCACGCCCTGTGCATCGCCGCGGCCACGGCCACACCGCCTGCGTGCACACCTGCTC
 GGCCGCGGCGCAGACCCAGACGCCAGCCCGCGCGGCCGCGGCCCTGCACGAGGCCTGCCTCGGGGGCC
 ACACCGCCTGCGTCCGCTGCTGCTGCAGACCGCGCCGACCCGACCTGCTCAGCGCCGAGGCCTGGC
 GCCTCTGCACCTCTGCCGACGGCCGCTGCTCGGGTGCAGCGAGGCGCTGCTGGAGCACGGGGCTCG
 GTGCAGCGCGTGGGCGGCACGGGCCGGGACACGCCGCTGCACGTGGCGGCGCAGCGCGGCCTGGACGAGC
 ACGCGCGCCTGTACCTGGGCCGCGGGGCGCACGTGGACGCGAGGAACGGCCGCGGAGAGACGGCTCTGAG
 CGCGGCTGCGGTGCGCGCGGAGGCGGACGAGCACGGGCGCTGCCTGCGCCTGTGCGCGCTGCTGCTG
 CGGCGCGGGCGGAGGCGGACGCGCGCAGGAGCAGCGCAGCCCGCTGCACAAAGCCTGCGGCCACG
 CGAGCCACAGCCTGGCGCGCCTCCTACTGCGGCACGGCGCCGACGCGGCGCGCTCGACTATGGCGGGG
 CTCGCGCGTGGGCCGCGTGTCCAGACCGCATCCTGCGCTCTCCAGGCCTCACCGCAGCGCACGGTGCAG
 GCGTGTCTCAACCACGGCTCTCCACCGTGTGGCCGACGCTTCCCCAAGGTGCTGAAGACCTGTGCAT
 CTGTCCCCGAGTCATCGAGGTGCTTTCAACTCTACCTCAGCTCTGCTTGTGAGAGTCTGGAAGGA
 AGTGATTCTGAGGAAGTATCCAGATGCACAAGCCGTTCTACAGTCCCTCTTTCGCTTGGCCCTCACC
 CCACGCTGCTGCAGCATCTTTGCCGCTGTGCTCTTCGCACTGTTTGGCAAAGGTGCTTTGACCTCA
 TCCCCCTGTTACCTTGCCAAAGCCCTGCAGAATTACCTACTTTTGGAGCCACAGGGTGTGTTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225789 representing NM_212556
 Red=Cloning site Green=Tags(s)

MSNSDYLDPYPLNSDLVKRLKSALDAKDEERVRLICTEITPVDVIELANDDWMKDPSAQLPTGMLLGD
 LDHLKPLMDQFFQDANVFEINKDEMEWQVKSPATFGLSGLWTLEYKRELTTPLCIAAAHGHTACVRHLL
 GRGADPDASPGRGALHEACLGHTACVRLLLQHRADPDLLSAEGLAPLHLCRTAASLGCAQALLEHGAS
 VQRVGGTGRDTPHVAQRGLDEHARLYLGRGAHVDAARNRGETALSAACGAARRPDEHGRCLRLCALLL
 RRGAEADARDEDEERSPLHKACGHASHSLARLLLRHGADAGALDYGGASPLGRVLQTASCALQASPORTVQ
 ALLNHGSPTVWPDAFPKVLKTCASVPAVIEVLFNSYPQLCLSESWKEVPEEVFQMHKPFYQSLFALALT
 PRCLQHLRCALRRLFGKRCFDLIPLLPLPKPLQNYLLLEPQGV LH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8035_a10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_212556

ORF Size: 1398 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_212556.3](#)

RefSeq ORF: 1401 bp

Locus ID: 401036

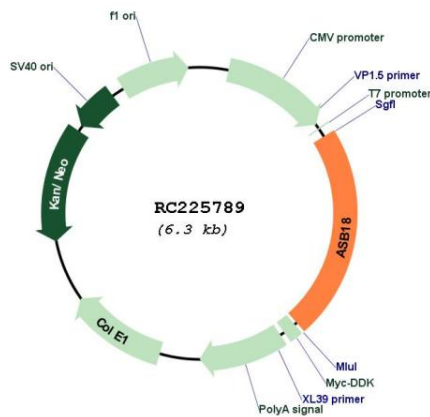
UniProt ID: [Q6ZVZ8](#)

Cytogenetics: 2q37.2

MW: 50.6 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. [provided by RefSeq, Feb 2017]

Product images:



Circular map for RC225789