

Product datasheet for **RC227841**

ASB10 (NM_001142460) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB10 (NM_001142460) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ASB10
Synonyms:	GLC1F
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC227841 representing NM_001142460
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCATGAGTTGGTCTCCAGAAGAGTCAAGGGGCAGGGAGAGCCCTCGATGACAGACACCCCTCT
 GTGCCAGGCTGGTGGAGAAGCCAGCAGAGGGTCTGAGGAGCACCTCAAGTCTGGCCGGGACCCATCGT
 CACCCGCACAGCCTCAGGACCTGCCCTTGCCTTCTGGCAGGCAGTCTGGCTGGGACGTGGGCTGTGTC
 TCCCGCATCCTCGCGACTCCAGTACTGGCTGGCTCCTGATTCCGTCTTTGATACCAGCGACCCAGAGC
 GATGGAGGGATTTCCGCTTCAACATCCGTGCTCTGAGACTCTGGTCTCTGACATAACAAGAGGAGCTGAC
 CACCCACTGCATGTGGCAGCCAGCCGTGGCCACACGGAAGTCTGCGGCTGCTGCTGAGGCGGCGAGCA
 AGGCCAGACAGTCCCCGGGGCCGACCGCCCTGCACGAGGCTGTGCTGCAGGCCACACTGCCTGTG
 TTCATGTGCTGCTGGTGGCAGGAGCCGACCCCAACATCGCTGACCAGGATGGGAAACGCCCTGCATCT
 CTGCCGGGGCCCTGGCACCTTGAGTGTGCGGAGCTGCTCCTCAGTTTGGAGCGAGAGTGGATGGTCCGG
 TCCGAGGAAGAAGAGGAGACCCCTTTGCATGTGGCCGCGCCGGCTTGGCCATGTGGAGCTGGCAGATCTGC
 TTCTAAGACGGGGGCATGTCCTGATGCCCGCAATGCCGAAGGCTGGACCCACTGCTGGCTGCCTGTGA
 CGTCCGCTGCCAGTCCATCACCGATGCCGAGGCCACCACCGCCGCTGCCTGCAGCTGTGCAGTTGCTG
 CTTTCAGCTGGAGCAGACGCTGATGCTGCGGACCAGGACAAGCAGCGACCCCTGCACCTGGCCTGCCGCC
 GTGGCCATGCAGCTGTCGTGGAGCTGCTCCTGTCTGTGGTGTGACGCCAACACCATGGACTATGGGGG
 ACACACGCCCCGCACTGTGCTCTGCAGGGCCAGCTGCAGCCCTGGCCAGAGCCCCGAGCAGCTGGTT
 CGGGCTCTGCTCAACATGGCGCCGTCCGTGTCTGGCCAGGGGCCCTCCCAAGAAACATCAGCGTTTCT
 ACTCCTCCCTCTTCGCTTGGTGGAGGCAGCCAGGTCGCTGCAGCATTTGAGCCGCTGTGCGCTCCGCTC
 CCACCTGGAGGGCAGCCTGCCCAAGCGCTGCCCGCCTCCCCCTGCCACCGCGCCTGCTCCGCTACCTG
 CAGCTGGATTTGAGGGCGTCTCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227841 representing NM_001142460
 Red=Cloning site Green=Tags(s)

MLMSWSPEECKGQGEPLDDRHLPCARLVEKPSRGSEHLKSGPGPIVTRTASGPALAFWQAVLAGDVGCV
 SRILADSSTGLAPDSVFDTSPPERWRDFRFRNIRALRLWSLTYEELTTPHVAASRGHTEVLRLLRRRA
 RPDSAPGGRTALHEACAAGHTACVHLLVAGADPNADQDGKRPLHLCRGPGTLECAELLLRFGARVDGR
 SEEEEETPLHVAARLGHVELADLLLRGACPDARNAEGWTPLLAACDVRCQSITDAEATTARCLQLCSLL
 LSAGADADAADQDKQRPLHLACRRGHAAVVELLSCGVSANTMDYGGHTPLHCALQGPAALAQSPEHVV
 RALLNHGAVRVWPGALPKKHQRFYSSLFALVRQPRSLQHLSRCALRSHLEGLPQALPRLPLPRLLRRLYL
 QLDFEGVLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8037_c02.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001142460

ORF Size: 1287 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_001142460.1](#), [NP_001135932.2](#)

RefSeq ORF: 1290 bp

Locus ID: 136371

UniProt ID: [Q8WXI3](#)

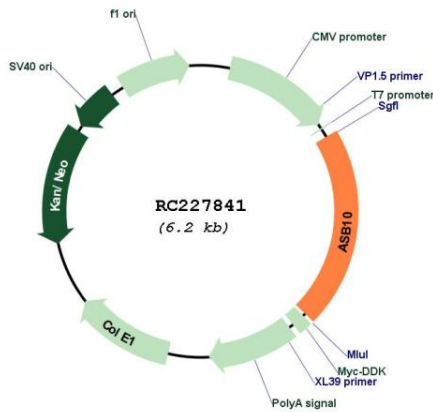
Cytogenetics: 7q36.1

Protein Families: Druggable Genome

MW: 46.4 kDa

Gene Summary: The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. The SOCS box serves to couple suppressor of cytokine signaling (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. [provided by RefSeq, Dec 2008]

Product images:



Circular map for RC227841