

## Product datasheet for **SC305871**

### ASB10 (NM\_080871) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASB10 (NM_080871) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB10
Synonyms:	GLC1F
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305871 representing NM_080871. Blue=Insert sequence Red=Cloning site Green=Tag(s)

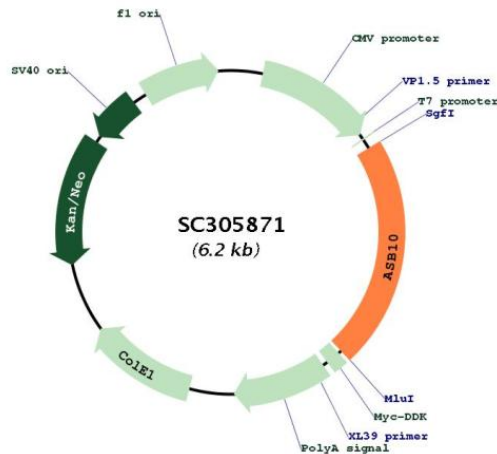
```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCTGGGAAAGAACTCCTCTCCCACTGGGGACACCATCTGGGGTGCCTTCCCTCCGCCCCGGCC
TGCCGGATCTGGAGGCCCACTCCCGCCAGCCTGGGAGCCCCCTCGGCCATCACCCTGCTCTGCCAA
GACATGGCCCTGCAGAATGCCCTCTACACCGGGGACCTGGCAAGGTTGCAGGAGCTGTTCCCGCCGAC
AGCACAGCCGACCTGCTGCTGGAGAGCCGGCCGAGAGCCTCGCTGGAGCAGCCACCAGAGGGGACTC
TGGTCTCTGACATACGAAGAGGAGCTGACCACCCCACTGCATGTGGCAGCCAGCCGTGCCACACGGAA
GTCTGCGGCTGCTGCTGAGGCGCGAGCAAGGCCAGACAGTGCCCTGGGGCCGACCCGCTGCAC
GAGGCCTGTGCTGAGGCCACACTGCCTGTGTTTCATGTGCTGCTGGTGGCAGGAGCCGACCCCAACATC
GCTGACCAGGATGGGAAACGCCCTGCATCTCTGCCGGGGCCTGGCACCCCTTGTGCTGCGGAGCTG
CTCCTCAGGTTTGGAGCGAGAGTGGATGGTCCGTCGAGGAAAGAGGAGACCCCTTGTGATGTGGCC
GCCCGGCTTGGCCATGTGGAGCTGGCAGATCTGCTTCTAAGACGGGGGGCATGTCCTGATGCCCGCAAT
GCCGAAGGCTGGACCCCACTGCTGGCTGCCTGTGACGTCGCTGCCAGTCCATCACCATGCCGAGGCC
ACCACCGCCCGCTGCCTGCAGCTGTGCAGCTTGTGCTTTCAGCTGGAGCAGACGCTGATGCTGCGGAC
CAGGACAAGCAGCAGCCCTGCACCTGGCCTGCCCGCTGGCCATGCAGCTGTGCTGGAGCTGCTCCTG
TCCTGTGGTGTGACGCGCAACACCATGGACTATGGGGGACACGCCCCCTGCATGTGCTGCTGACGGGC
CCAGCTGCAGCCCTGGCCAGAGCCCCGAGCACGTGGTTTCGGGCTCTGCTCAACCATGGCCCGTCCGT
GTCTGGCCAGGGGCCCTCCCAAGGTGCTGGAGCGCTGGAGCACGTGCCCTCGGACCATCGAGGCTCTG
ATGAACACCTACAGTGTGTGACGCTTCCCGAGGAGGCCGTCGGCCTGGTACTCCTGAACTCTGCAG
AAACATCAGCGTTTCTACTCCTCCTCTTCGCCTTGGTGGAGCCAGCCAGGTCGCTGCAGCATTTGAGC
CGCTGTGCGCTCCGCTCCACCTGGAGGGCAGCCTGCCCAAGCGCTGCCCGCTCCCGCTGCCACCG
CGCTGCTCCGCTACCTGCAGCTGGATTTGAGGGCGTGTCTACTAG
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```



[View online »](#)

Restriction Sites: Sgfl-MluI

Plasmid Map:



ACCN: NM\_080871

Insert Size: 1359 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: [NM\\_080871.3](#)

RefSeq Size: 1738 bp

RefSeq ORF: 1359 bp

Locus ID: 136371

UniProt ID: [Q8WXI3](#)

**Cytogenetics:** 7q36.1

**Protein Families:** Druggable Genome

**MW:** 49.6 kDa

**Gene Summary:** The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. 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]  
Transcript Variant: This variant (3) uses an alternate 5' exon and thus differs in the 5' UTR and 5' coding region, compared to variant 1. The resulting isoform (3) has a distinct N-terminus and is shorter than isoform 1.