

Product datasheet for **RG202616**

ASBI (NM_001040445) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ASBI
Synonyms:	ASB-1
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202616 representing NM_001040445
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGGAGGGCGGCAGCCAGACGGGCGGGCAGGGCCGGGCTCCGCAGGTCGTAATCTGAAGGAGTGGC
TGAGGGAGCAATTTGTGATCATCCGCTGGAGCACTGTGAGGACACGAGGCTCCATGATGCAGTTACGT
CGGGGACCTCCAGACCCTCAGGAGCCTATTGCAAGAGGAGAGCTACCGGAGCCGCATCAACGAGAAGTCT
GTCTGGTGTGTGGCTGGCTCCCTGCACACCGTTGCGAATCGCGGCCACTGCAGGCCATGGGAGCTGTG
TGGACTTCCTCATCCGGAAGGGGGCCGAGGTGGATCTGGTGGACGTAAAAGGACAGACGGCCCTGTATGT
GGCTGTGGTGAACGGGCACCTAGAGAGTACCCAGATCCTTCTCGAAGCTGGCGCGGACCCCAACGGAAGC
CGGCACCATCGCAGCACCCCTGTCTACCACGCCTCTCGCGTGGGCCGGGCAGACATCCTGAAGGCCCTCA
TCAGGTACGGGGCTGATGTTGACGTCAACCACCACCTGACTCCTGATGTCCAGCCTCGATTCTCCCGCG
GCTCACCTCCTTGGTGGTCTGCCCCCTGTACATCAGCGCAGCCTACCACAACCTCCAGTGCTTCCGGCTG
CTCCTCCTGGCTGGCGCAACCCCTGACTTCAACTGCAATGGTCTGTCAACACACAGGGATTCTACAGGG
GCTCCCTGGGTGCGTCATGGATGCTGTTCTGCGCCACGGCTGTGAGGCAGCCTTCGTGAGCCTGCTGGT
AGAATTTGGAGCCAACCTGAATCTAGTGAAGTGGGAATCGCTGGGCCAGAGTCGAGAGGAAGAAGAAAA
GTGGACCCTGAGGCCTTGCAAGTCTTTAAAGAGGCCAGAAAGTGTCCAGAACCTTGCTGTGTCTGTGCC
GTGTGGCTGTGAGAAGAGCTCTTGCAAACACCGGCTTCATCTGATTCTTCGCTGCCTCTGCCAGACCC
CATAAAGAAGTTTCTACTCCATGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



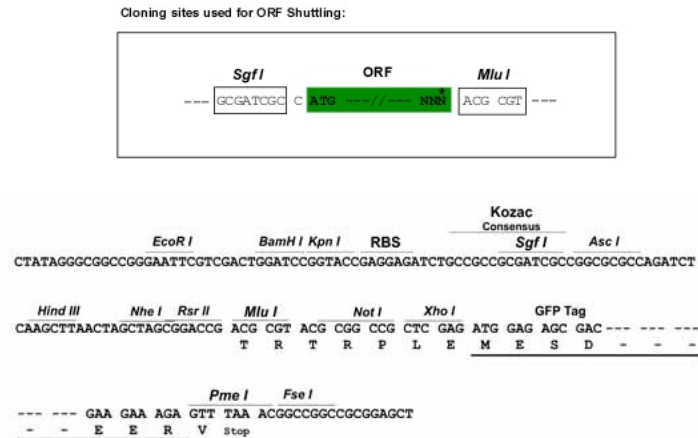
Protein Sequence: >RG202616 representing NM_001040445
Red=Cloning site Green=Tags(s)

MAEGGSPDGRAGPGSAGRNLKEWLREQFCDHPLEHCEDTRLHDAAYVGDQLQLRSLLQEESYRSRINEKS
VWCCGWLPCTPLRIAATAGHGSCVDFLIRKGAEVDLVDVKGQTALYVAVVNGHLESTQILLEAGADPNGS
RHHRSTPVYHASRVGRADILKALIRYGADVVDVNHHLTPDVQPRFSRRLTSLVVCPLYISAAYHNLQCFRL
LLLAGANPDFNCNGPVNTQGFYRGSPGCVMDAVLRHGCEAAFVSLLEFGANLNLVKWESLGPESRGRK
VDPEALQVFKEARSVPRTLCLCRVAVRRALGKHLHLIPSLPLDPIKKFLLHE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001040445

ORF Size: 1005 bp

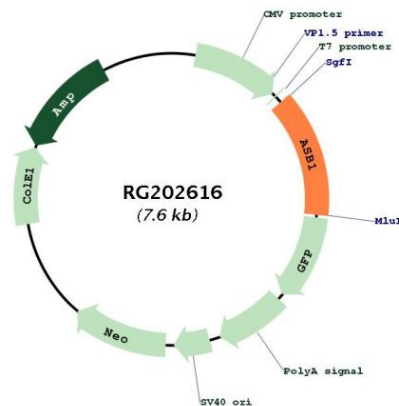
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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_001040445.3
RefSeq Size:	6833 bp
RefSeq ORF:	1008 bp
Locus ID:	51665
UniProt ID:	Q9Y576
Cytogenetics:	2q37.3
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene contains an ankyrin repeat sequence and 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, targeting them for ubiquitination and degradation. [provided by RefSeq, Aug 2016]

Product images:



Circular map for RG202616