

Product datasheet for **RG234117**

ASB3 (NM_001201965) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB3 (NM_001201965) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB3
Synonyms:	ASB-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234117 representing NM_001201965
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGACCTTTGAAGGTTTCTGTGCTTTGCATCTCGCTGCAAGTCAAGGACATTGGAAAATCGTACAGA
 TTCTTTTAGAAGCTGGGGCAGATCCTAATGCAACTACTTTAGAAGAAACGACACCATTGTTTTAGCTGT
 TGAAAATGGACAGATAGATGTGTTAAGGCTGTTGCTTCAACACGGAGCAAATGTTAATGGATCCCATTCT
 ATGTGTGGATGGAACCTTGCACCAGGCTTCTTTTCAGGAAAATGCTGAGATCATAAAATTGCTTCTTA
 GAAAAGGAGCAACAAGGAATGCCAGGATGACTTTGGAATCACACCTTTATTTGTGGCTGCTCAGTATGG
 CAAGCTAGAAAGCTTGAGCATACTTATTTTCATCGGGTGCAATGTCAATTGTCAAGCCTTGGACAAAGCT
 ACACCTTGTTTCATTGCTGCTCAAGAGGGACACACAAAATGTGTGGAGCTTTTGTCTCCAGTGGGGCAG
 ATCCTGATCTTTACTGTAATGAGGACAGTTGGCAGTTACCTATTCATGCAGCTGCACAAATGGGCCATAC
 AAAAATCTTGACTTGTTAATACCACTTACTAACCAGGCTGTGACACTGGGCTAAACAAAGTAAGCCCT
 GTTTACTCAGCAGTGTGGGGGACATGAAGATTGCCTAGAAAATATTACTCCGGAATGGGTACAGCCAG
 ACGCCAGGCGTGCCTTGTGTTTGGATTGAGTTCTCTGTGTGCATGGCTTTCCAAAAGGACTGTGAGTT
 CTTTGAATTGTGAACATTCTTTTGAATATGGAGCCAGATAAATGAACCTTCATTTGGCATACTGCCTG
 AAGTACGAGAAGTTTTCGATATTTTCGCTACTTTTGGAGAAAGGTTGCTCATTGGGACCATTGGAACCATA
 TATATGAATTTGTAATCATGCAATTAAGCACAAAGCAAAATATAAGGAGTGGTTGCCACATCTTCTGGT
 TGCTGGATTGACCCACTGATTCTACTGTGCAATTCCTGGATTGACTCAGTCAGCATTGACACCTTATC
 TTCCTTTGGAGTTTACTAATTGGAAGACACTTGACACAGCTGTTGAAAGGATGCTCTCTGCTCGTGCCT
 CAAACGCTTGATTCTACAGCAACATATTGCCACTGTTCCATCCCTGACCCATCTTTGTCGTTTGGAAAT
 TCGGTCCAGTCTAAAATCAGAAGCTCTACGGTCTGACAGTTATATTAGTCAGCTGCCACTTCCAGAAGC
 CTACATAATTATTTGCTCTATGAAGACGTTCTGAGGATGTATGAAGTTCAGAAGTGGCAGCTATTCAAG
 ATGGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

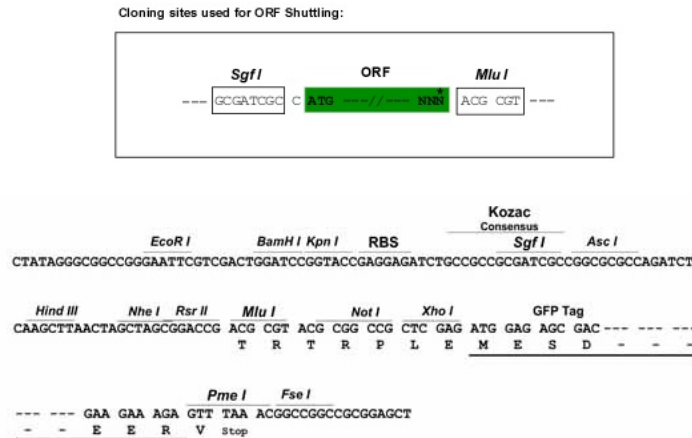
>RG234117 representing NM_001201965
 Red=Cloning site Green=Tags(s)

MKTFEGFCALHLAASQGHWKIVQILLEAGADPNATTTLEETPLFLAVENGQIDVLRLLQLHGANVNGSHS
 MCGWNSLHQASFQENAEIKLLLRKGANKECQDDFGITPLFVAAQYGKLESLSILISSGANVNCQALDKA
 TPLFIAAQEGHTKCVELLLSSGADPDLYCNEDSWQLPIHAAQMGHTKILDLLIPLTNRACDTGLNKVSP
 VYSAVFGGHEDCLEILLRNGYSPDAQACLVFGFSSPVCMAFQKDCEFFGIVNILLKYGAQINELHAYCL
 KYEKFIFRYFLRKGCSLGPWNHIYEFVNHAIIKAQAKYKEWLPHELLVAGFDPLILLCNSWIDSVSIDTLI
 FTLEFTNWKTLAPAVRMLSARASNAWILQQHIATVPSLTHLCRLRIRSSLKSERLRSDSYISQLPLPRS
 LHNLYLLYEDVLRMYEVPDLAAIQDG

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001201965

ORF Size: 1335 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_001201965.2](#)

RefSeq Size: 2456 bp

RefSeq ORF: 1338 bp

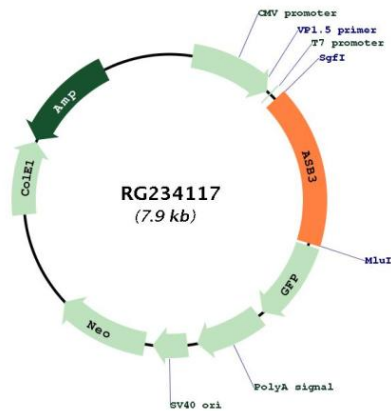
Locus ID: 51130

UniProt ID: [Q9Y575](#)

Cytogenetics: 2p16.2

Protein Families:	Druggable Genome
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 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. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jan 2011]

Product images:



Circular map for RG234117