

Product datasheet for **RG209502**

ASB7 (NM_024708) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB7 (NM_024708) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209502 representing NM_024708 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTACACCATCATTGTCTGAAGGAACCCTGAGCTCCAGGAAGAGTTGCAGATTCAGGCCGCGGTGGCTG
CTGGGGATGTCCACACAGTGCAGAAAGATGCTAGAACAAGGCTATCCCGAATGGCCGAGATGCGAATGG
CTGGACTCTGCTTCATTTCTCTGCAGCAAGAGGAAAGAAAGATGTGTTCCGGTTTTTCTAGAACACGGA
GCTGATCCTACAGTTAAGACTTAATCGGAGGCTTCACGGCTCTCACTATGCAGCCATGCATGGCCGGG
CCCGCATTGCACGCTTGATGTTAGAATCTGAATACAGGAGCGACATCATTAAATGCAAAAAGCAATGACGG
CTGGACTCCCCTCCATGTGGCTGCCACTACGGCAGGGACTCATTGTCCGGCTCCTCCTGGAGTTCAAG
GCTGAGGTTGACCCACTCAGTGATAAAGGTACCACACCGCTTCAGCTCGCCATTATCCGAGAGAGGTCAA
GCTGTGTGAAAATCCTCCTGGACCACAATGCCAACATCGACATTCAGAATGGTTTCCTGTTGCGATACGC
CGTGATCAAAAGCAATCACTCTTATTGCCGAATGTTTCCTCAGAGAGGGGAGACACAAAATTGGGTCGC
TTAGAAGACGGACAGACTCCTTTACTTATCTGCCCTTAGGGATGATGTGCTGTGTGCACGGATGTTAT
ATAATTACGGAGCAGACACGAACACACGGAATATGAAGGACAGACCCCATGGCTGTTTCAATAAGTAT
TTCTGGAAGTAGTCGACCATGTTTGATTTCTTACAAGAAGTCACAAGTATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

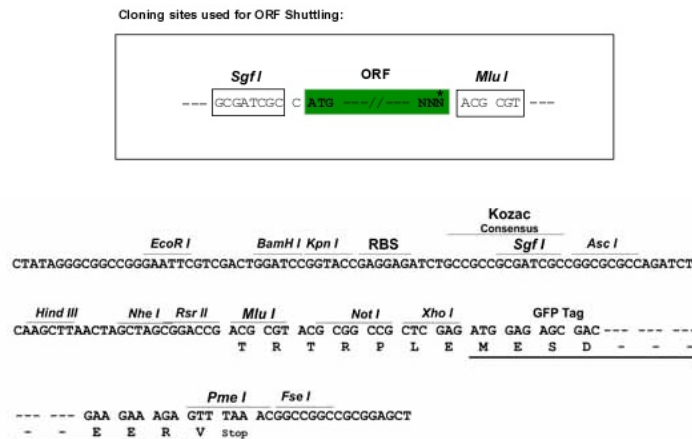
Protein Sequence: >RG209502 representing NM_024708
 Red=Cloning site Green=Tags(s)

MLHHHCRRNPQLQEELQIQAAVAAGDVHTVRKMLEQGYSPNGRDANGWTLHLHSAARGKERCVRVLEHG
 ADPTVKDLIGGFALHYAAMHGRARIARLMLESEYRSDIINAKSNDGWTPHVAHYGRDSFVRLLEFK
 AEVDPLSDKGTTPQLAIIRERSVCVKILLDHNANIDIQNGFLLRYAVIKSNHSYCRMFLQRGADTNLGR
 LEDGQTPHLHLSALRDDVLCARMLYNYGADTNTRNYEGQTPLAVSISISGSSRPCLDFLQEVTSM

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024708

ORF Size: 822 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_024708.3](#)

RefSeq Size: 1689 bp

RefSeq ORF: 825 bp

Locus ID: 140460

UniProt ID: [Q9H672](#)

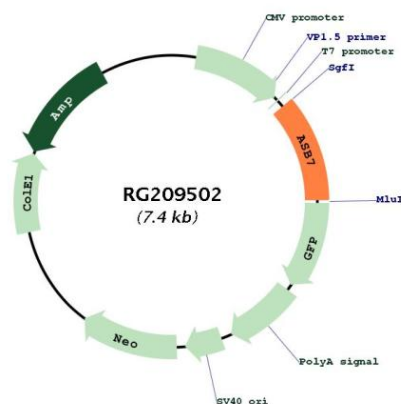
Cytogenetics: 15q26.3

Domains: ANK

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contains a C-terminal SOCS box motif. Growing evidence suggests that the SOCS box acts as a bridge between specific substrate-binding domains and the more generic proteins that comprise a large family of E3 ubiquitin protein ligases. In this way, SOCS box containing proteins may regulate protein turnover by targeting proteins for polyubiquitination and, therefore, for proteasome-mediated degradation. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG209502