

Product datasheet for **MG203349**

Asb7 (BC066824) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb7 (BC066824) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Asb7
Synonyms:	AI449039; Asb-7; D030055C23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203349 representing BC066824 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGATAGACGTTCCACAGCTCTCAGAGAGGCCATCTGATCCACGGTTAAGGATTTAATCGGAGGCTTCA
CTGCTCTGCATTACGCTGCCATGCACGGCCGGCCGGATTGCACGCCTGATGTTAGAGTCTGAGTACAG
GAGTGACATTATTAATGCAAAAAGCAATGATGGCTGGACTCCCCTCCATGTGGCTGCCACTACGGTAGG
GACTATTTGTCCGGCTCCTCCTGGAGTTCAAGGCTGAAGTTGACCCGCTCAGTGATAAAGGTACAACGC
CACTTCAGCTTGCCATCATCCGAGAGCGGTCAAGCTGTGTGAAGATCCTTCTGGACCACAACGCCAACAT
CGACATCCAGAACGGATTCTGCTGCGCTATGCTGTGATCAAAAGCAATCACTCTTACTGCCGATGTTT
CTTCAGAGAGGAGCAGACACAACTTAGGGCGTCTAGAAGACGGACAGACCCCTTTGCACTTGTCTGCCC
TCCGTGATGACGTGCTCTGCGCACGGATGCTGTATAACTATGGAGCGGACACGAACACAAGGAACATGA
AGGTCAGACTCCACTGGCCGTTTCCATAAGTATTTAGGAAGTAGTCGGCCGTGTTTGGATTTCTTACAA
GACGTCACAAGACAGCCAGAACCTGCAGGACCTGTGCCGAATTAATTCGACAGTGTATAGGCCTTC
AAAACCTGAAGCTGCTTGATGAGCTACCAATTGCCAAGTCATGAAAGACTACTTAAACACAAATTTGA
TGATATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203349 representing BC066824
 Red=Cloning site Green=Tags(s)

MIDVPQLSERPSDPTVKDLIGGFALHYAAMHGRARIARLMLESEYRSDIINAKSNDGWTPHLVAAHYGR
 DSFVRLLEFKAEVDPLSDKGTTPQLAIIRERSSCVKILLDHNANIDIQNGFLLRYAVIKSNHSYCRM
 LQRGADTNLGRLEDGQTPLHL SALRDDVLCARMLYNYGADTNTRNYEGQTPLAVSISISGSSRPCLDFLQ
 DVTRQPRTLQDLCRIRQCIGLQNLKLLDELPIAKVMKDYLLKHKFDDI

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC066824

ORF Size: 777 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: [BC066824](#), [AAH66824](#)

RefSeq Size: 4503 bp

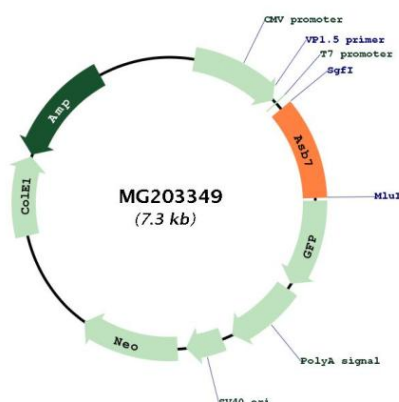
RefSeq ORF: 779 bp

Locus ID: 117589

Cytogenetics: 7 C

Gene Summary: Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203349