

Product datasheet for **MR203349**

Asb7 (BC066824) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb7 (BC066824) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb7
Synonyms:	AI449039; Asb-7; D030055C23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203349 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATAGACGTTCCACAGCTCTCAGAGAGGCCATCTGATCCACGGTTAAGGATTTAATCGGAGGCTTCA
 CTGCTCTGCATTACGCTGCCATGCACGGCCGGCCCGGATTGCACGCCTGATGTTAGAGTCTGAGTACAG
 GAGTGACATTATTAATGCAAAAAGCAATGATGGCTGGACTCCCCTCCATGTGGCTGCCACTACGGTAGG
 GACTCATTGTCCGGCTCCTCCTGGAGTTCAAGGCTGAAGTTGACCCGCTCAGTGATAAAGGTACAACGC
 CACTTCAGCTTGCCATCATCCGAGAGCGGTCAAGCTGTGTGAAGATCCTTCTGGACCACAACGCCAACAT
 CGACATCCAGAACGGATTCTGCTGCGCTATGCTGTGATCAAAAGCAATCACTCTTACTGCCGCATGTTT
 CTTCAGAGAGGAGCAGACACAACTTAGGGCGTCTAGAAGACGGACAGACCCCTTTGCACTTGTCTGCCC
 TCCGTGATGACGTGCTCTGCGCACGGATGCTGTATAACTATGGAGCGGACACGAACACAAGGAACATGA
 AGGTCAGACTCCACTGGCCGTTTCCATAAGTATTTTCAGGAAGTAGTCGGCCGTGTTTGGATTTCTTACAA
 GACGTACAAGACAGCCAGAACCTGCAGGACCTGTGCCGAATTAATTCGACAGTGTATAGGCCTTC
 AAAACCTGAAGCTGCTTGATGAGCTACCAATTGCCAAGTCATGAAAGACTACTTAAACACAAATTTGA
 TGATATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR203349 protein sequence
Red=Cloning site Green=Tags(s)

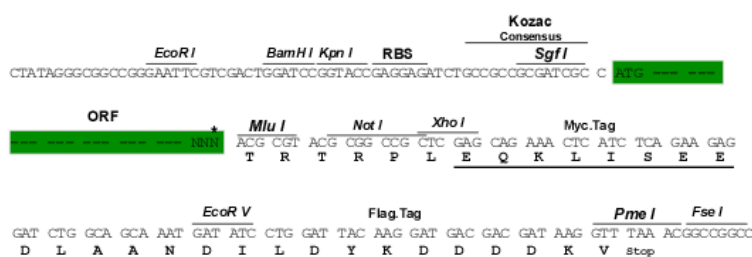
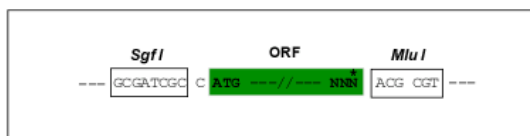
MIDVPQLSERPSDPTVKDLIGGFTALHYAAMHGRARIARLMLESEYRSDIINAKSNDGWTPLHVAAHYGR
 DSFVRLLEFKAEDVPLSDKGTTPLQLAIIRERSSCVKILLDHNANIDIQNGFLLRYAVIKSNHSCYRMF
 LQRGADTNLGRLEDGQTPLHLSALRDDVLCARMLYNYGADTNTRNYEGQTPLAVSISISGSSRPCLDFLQ
 DVTROPRTLQDLCKIKIROCIGLONLKLDELPIAKVMKDYLKHKFDDI

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC066824

ORF Size: 777 bp

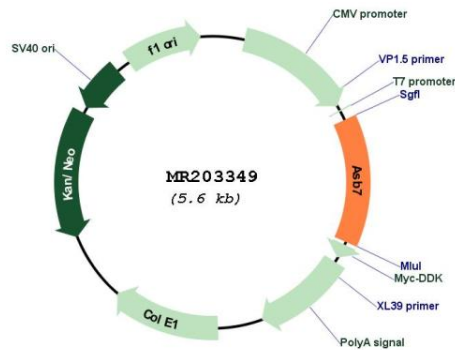
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	<u>BC066824</u> , <u>AAH66824</u>
RefSeq Size:	4503 bp
RefSeq ORF:	779 bp
Locus ID:	117589
Cytogenetics:	7 C
MW:	29.3 kDa
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 MR203349