

## Product datasheet for **MR204068**

### Asb17 (NM\_025758) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Asb17 (NM_025758) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb17
Synonyms:	4933436O18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204068 representing NM_025758 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATAACTCTTCTAAATTATGCCGGAAGACGTCTTTTCCAAGAAGCAATATATTCTGTAACTTGTG  
ACAAGATAGTTAAGCGGCCCTCTCTGCAGTTTCTGGCCAATGGGGATACCACTGCTATGAACCCAGGAT  
TTACAGAACCTGGCAAAAATCCTGAGGTATGTTGACTTGGACGGCTTTGACATACTCTCACGGACTAT  
ATTGCTTTTGTGAAAAGTCAGGACACCGTTTTGAACCACTTAACTTGAAGTTTACTGAAATATGCC  
TGAATACCATTCTGTACTGGGTTTTCGCCAGGAAAGGTAATCCTGACTTCGTGGAAGTCTCTCAAGAA  
GACGAAGGACTATGTCCAAGACAGAAGCTGCAGCCTGGCGCTGATATGGAGAACCTTACACCTGTGTAC  
TGCCCCAGCCCCCTGAGTGGCATCACACCTCTACTCTACGTGGCTCAGACAAGACAGTCAAATATCTTAA  
AAATTCTCCTGCAGTATGGAATCCTAGAAAAGAGAAAAAACCTATCAACATTGTTCTGACAATACTACT  
TTACCTTCGAGAGTGAGAATAATGGTTGACCAGAGTTGATTGACATCAAGAAGATGCCAAGACATGT  
TTAATGCTATGTTCCAGAGTGCTTTCTACGATCTCAGTCAGGGAGATAGAGACACAGCTGAGCTTAGGAC  
GACGCCAATTATTCAAATGGTTGGACTACATCCCCCAACAAGATACAAGGATCCATGTGAAGTCTG  
CCACCTTTGCAGAATAACCATCAGGACCAACTGCTGGCCAACAATATGCTCCCAATGGAATATTTCC  
CTTCTAATTCCTACTCGTTTACAAAACCTCCTGAATTTAGAAAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204068 representing NM\_025758  
 Red=Cloning site Green=Tags(s)

MNNSKLCRKTSFPRSNI FCNLVDKIVKRPSLQFLGQWGYHCYEPRIYRTLAKILRYVDLDGFDILLTDY  
 IAFVEKSGHRFELNFNLEFTEICVNTILYWVFARKGNPDFVELLLKTKDYVQDRSCSLALIWRFTPVY  
 CPSPLSGITPLL YVAQTRQSNILKILLQYGILEREKNPINIVLTILLYPSRVIRIMVDHELIDIQEDAKTC  
 LMLCSRVLSTISVREIETQLSLGRRPIIQNWLDYIPTRYKDPCELVHLCRITIRTQLLANMPLNGIFS  
 LLIPTRLQNFNLNES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9059\\_e09.zip](https://cdn.origene.com/chromatograms/mm9059_e09.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_025758

**ORF Size:** 885 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\\_025758.4](#), [NP\\_080034.2](#)

**RefSeq Size:** 1048 bp

**RefSeq ORF:** 888 bp

**Locus ID:** 66772

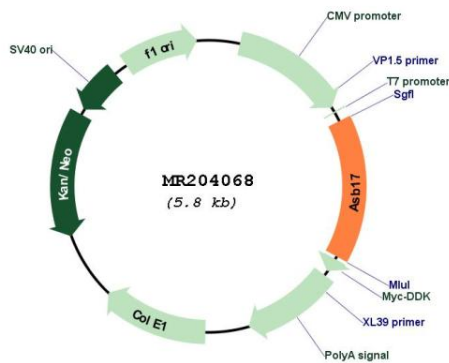
**UniProt ID:** [Q8VHP9](#)

**Cytogenetics:** 3 H3

**MW:** 34.5 kDa

**Gene Summary:** May be a 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 MR204068