

Product datasheet for MR206631

Asb6 (NM_133346) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb6 (NM_133346) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb6
Synonyms:	2510004M11Rik; AA409356
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206631 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGTTCTTGACGGCTTCCGCAGGATCATCTTTGAGTACCAGCCCCTAGTGGACGCCATCCTTGCCG
CCCTGGGCATCCAGGATCTGGAGCGGCAGGAGCCCCTGGATGATTCTGCTTCCAGCGAGGAGAGCCGGAT
CCTGGTCTCACGGAGCTGCTGGAGCAGAAGGCTCACTCTCCATTCTACCAGGAAGGCGTGAGCAATGCC
TTGCTGAAGATGGCTGAGCTGGCCTGACCCGGGCAGCTGCTGTCCTTCTGCAGAGTGGGCCAACCTCA
ATTTGGAAGACCCTGTTACCTACTACACAGCCCTGCACATTGCTGTCCTGAGAAACCAGCCTGACATGGT
TGAGCTGCTGGTGCGCCACGGGGCTGACATCAACAGGAGGGACCGGATCCATGAGAGCAGCCCCTGGAT
CTGGCCAGCGAGGAACCCGAACGCTGCCTGCCTGCAGCGCCTCTTGGATCTTGAGCAGATGTCAATG
CAGCTGACAAGAAATGGGAAGACAGCTTTACTTACGCCCTGGCCAGCAGCGATGGTGTGCAGATCCACAA
CACAGATAACATCCGGCTCCTCTGGAGGGAGGGGACAGCTCAAGGCCACCACCAAGGATGGGGACACT
GTATTCACCTGCATCATCTTCTACTCGGTGAGACTGTCTGTGGGACAAGGAGGAGGCCCGATGATCA
ACCGCTTCTGCTTCCAAGTCACGCAGCTTGTGTCGCCACGGTCCGACCCAGCGAGTGCCCGGCCCA
TGAGTCCCTCACGCACATCTGCCTCAAGAGCTTCAAGCTGCACTTCCCACTCCTGCTTCTGCTGGAG
TCCGGAGCCGCTACAAGTCTCCCTGCACGGTGCATCCTGTTGGTCTGGCTTCAACCTCGTTTTTGAGA
GGCTCTGCTCGCACCCGGGCTGTGCCGAGGACGACAGCCACATTGAGCTTCTGCATAAAGGCTGAGACCGT
GCTGGACCTCATGGTGACCAGCTCCAGAGGCTGCAGCTGCCTGAGAACCTCAACATCCACCCAGTGGGT
AGCCTGGCAGGGAAGATCCAGGCCCTTATGCCTCCCTGAGGCAGCTCGAGAGCTACCCGCCACCTCTCA
AACACCTGTGCCGGGTGCCATCCGGCTGTGCCTGCGACCGTGGCCTGTGGACACCAAGGTCAAAGCACT
GCCCTTGCCCGACAGGCTCAAGTGGTACCTGCTCAGTGCACACAGTGATACCCAAGACACTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206631 protein sequence
 Red=Cloning site Green=Tags(s)

MPFLHGFRRRIIFEYQPLVDAILGALGIQDLERQEPLDDSSASSEESRILVLTELLEQKAHSPFYQEGVSNA
 LLKMAELGLTRAAVLLQSGANLNFEDPVTYYTALHIAVLRNQPDMVELLVRHGADINRRDRIHESPLD
 LASEEPERLPLCLQRLLDLGADVNAADKNGKTALLHALASSDGVQIHNTDNIIRLLLEGGADV KATTKDGD
 VFTCIIFLLGETVCGDKKEAPMINRF CFQVTQLLLAHGADPSECPAHESLTHICLKSFKLHFPLLCFLE
 SGAAYNCSLHGASCWGFNLVFERLCSHPGCAEDDISHIELLHKAETVLDLMVTSSQRLQLPENLNIHPVG
 SLAGKIQALHASLRQLESYPPPLKHLCRVSIRLCLRPWPVDTKV KALPLPDRLKWYLLSAHSDTQDTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_133346

ORF Size: 1257 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_133346.1](#), [NM_133346.2](#), [NP_579924.1](#)

RefSeq Size: 2129 bp

RefSeq ORF: 1257 bp

Locus ID: 72323

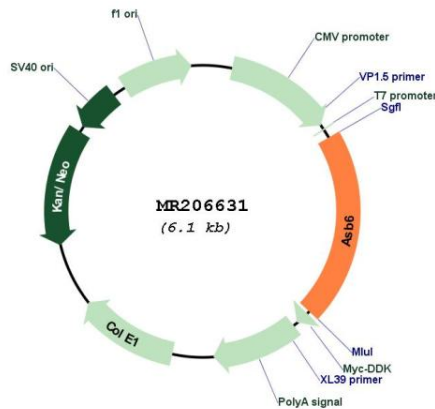
UniProt ID: [Q91ZU1](#)

Cytogenetics: 2 B

MW: 46.3 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 MR206631