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Product datasheet for MG206631

Asb6 (NM_133346) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb6 (NM_133346) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Asb6
Synonyms:	2510004M11Rik; AA409356
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG206631 representing NM_133346
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGTTCTTGCACGGCTTCCGCAGGATCATCTTTGAGTACCAGCCCCTAGTGGACGCCATCCTTGGCG
CCCTGGGCATCCAGGATCTGGAGCGGCAGGAGCCCCTGGATGATTCTGCTTCCAGCGAGGAGAGCCGGAT
CCTGGTCCTCACGGAGCTGCTGGAGCAGAAGGCTCACTCTCCATTCTACCAGGAAGGCGTGAGCAATGCG
TTGCTGAAGATGGCTGAGCTGGGCCTGACCCGGGCAGCTGCTGTCCTTCTGCAGAGTGGGGCCAACCTCA
ATTTCGAAGACCCTGTTACCTACTACACAGCCCTGCACATTGCTGTCCTGAGAAACCAGCCTGACATGGT
TGAGCTGCTGGTGCGCCACGGGGCTGACATCAACAGGAGGGACCGGATCCATGAGAGCAGCCCCTTGGAT
CTGGCCAGCGAGGAACCCGAACGCCTGCCCTGCCTGCAGCGCCTCTTGGATCTTGGAGCAGATGTCAATG
CAGCTGACAAGAATGGGAAGACAGCTTTACTTCACGCCCTGGCCAGCAGCGATGGTGTGCAGATCCACAA
CACAGATAACATCCGGCTCCTCCTGGAGGGAGGGGCAGACGTCAAGGCCACCACCAAGGATGGGGACACT
GTATTCACCTGCATCATCTTCCTACTCGGTGAGACTGTCTGTGGGGACAAGGAGGAGGCCCCGATGATCA
ACCGCTTCTGCTTCCAAGTCACGCAGCTCTTGCTGGCCCACGGTGCCGACCCCAGCGAGTGCCCGGCCCA
TGAGTCCCTCACGCACATCTGCCTCAAGAGCTTCAAGCTGCACTTCCCACTCCTCTGCTTCCTGCTGGAG
TCCGGAGCCGCCTACAACTGCTCCCTGCACGGTGCATCCTGTTGGTCTGGCTTCAACCTCGTTTTTGAGA
GGCTCTGCTCGCACCCGGGCTGTGCCGAGGACGACAGCCACATTGAGCTTCTGCATAAGGCTGAGACCGT
GCTGGACCTCATGGTGACCAGCTCCCAGAGGCTGCAGCTGCCTGAGAACCTCAACATCCACCCAGTGGGT
AGCCTGGCAGGGAAGATCCAGGCCCTTCATGCCTCCCTGAGGCAGCTCGAGAGCTACCCGCCACCTCTCA
AACACCTGTGCCGGGTGTCCATCCGGCTGTGCCTGCGACCGTGGCCTGTGGACACCAAGGTCAAAGCACT
GCCCTTGCCCGACAGGCTCAAGTGGTACCTGCTCAGTGCACACAGTGATACCCAAGACACTTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

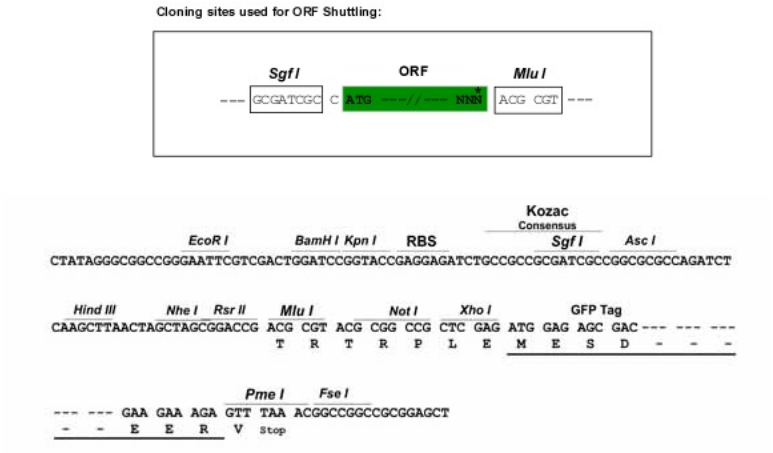
>MG206631 representing NM_133346
Red=Cloning site Green=Tags(s)

MPFLHGFRRIIFEYQPLVDAILGALGIQDLERQEPLDDSASSEESRILVLTELLEQKAHSPFYQEGVSNA
LLKMAELGLTRAAAVLLQSGANLNFEDPVTYYTALHIAVLRNQPDMVELLVRHGADINRRDRIHESSPLD
LASEEPERLPCLQRLLDLGADVNAADKNGKTALLHALASSDGVQIHNTDNIRLLLEGGADVKATTKDGDT
VFTCIIFLLGETVCGDKEEAPMINRFCFQVTQLLLAHGADPSECPAHESLTHICLKSFKLHFPLLCFLLE
SGAAYNCSLHGASCWSGFNLVFERLCSHPGCAEDDSHIELLHKAETVLDLMVTSSQRLQLPENLNIHPVG
SLAGKIQALHASLRQLESYPPPLKHLCRVSIRLCLRPWPVDTKVKALPLPDRLKWYLLSAHSDTQDTC

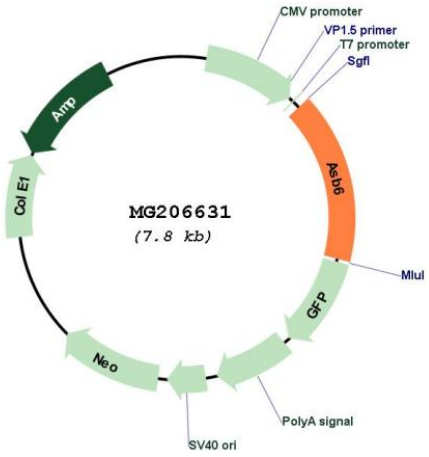
TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_133346

ORF Size:	1254 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_133346.2, NP_579924.1
RefSeq Size:	2129 bp
RefSeq ORF:	1257 bp
Locus ID:	72323
UniProt ID:	Q91ZU1
Cytogenetics:	2 B
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]