

Product datasheet for **MG217667**

Asb8 (NM_030121) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb8 (NM_030121) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Asb8
Synonyms:	4930539L19Rik; AI788835; C430011H06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG217667 representing NM_030121 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCCAGCATGTGGTATATTATGCAGAGCATTTCAGAGCAAATACTCCCTCTCCGAACGCCTGATCC
GAACCATCGTGCCATCCGCTCCTTCCCACATGACAACGTAGAGGACCTCATCAGAGGGGGAGCAGATGT
GAACTGCACGCACGGCACACTGAAGCCCTCCACTGTGCCTGCATGGTGTCCGACGCCGACTGCGTAGAG
CTCCTCCTGGAGAAGGGAGCAGAGGTCAATGCCCTGGATGGTTACAACCGAACGGCCCTCCACTATGCAG
CAGAGAAAAGATGAGGCTTGTGTGGAGTCTACTGGAGTATGGGGCAAACCCCAATGCACCTGGACGGCAA
CAGAGACACCCCGCTTATTGGGCAGCCTTAAAGAACAATGCTGAGTGTGTGCGGGCTCTCTGGAGAGC
GGGCCTCCGTCATGCCCTGGATTACAACAACGATACGCCGCTCAGCTGGGCTGCCATGAAGGGAATC
TTGAGAGTGTGAGCATCCTTCTTGATTATGGTGTGAGGTGAGAGTCACTCAACTAAAAGGCCAGACACC
CATCTCCCGCCTGGTGGCTCTGCTAGTGAGAGGACTTGGAAACAGAAAAAGAAGACTCCTGCTTTGAGCTC
CTCCATAGAGCTGTTGGACAGTTGAATTAAGGAAAAACGGCATCATGCCCGAGAAGTGACCAAAGACC
AGCAGCTGTGTGAAAACTGACTGTGTTGTGCTCAGCACCAGGGACGCTTAAACCCTCGCCCGCTATGC
TGTGCGCCGTAGCCTCGGTCTCCAGTACCTGCCGACGCAGTGAAGGGTCTCCACTGCCAGTGTCTTTG
AAGGACTACCTGTTACTTTGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG217667 representing NM_030121
 Red=Cloning site Green=Tags(s)

MSSSMWYIMQSIQSKYLSERLIRTIAAIRSFPHDNVEDLIRGGADVNCTHGLKPLHCACMVSDADCVE
 LLLLEKGAEVNLDGYNRTALHYAAEKDEACVEVLLLEYGANPNALDGNRDTPLHWAAFKNNNAECVRALLES
 GASVNALDYNNDTPLSWAAMKGNLESVSIILLDYGAEVVRVINKGQTPISRLVALLVRGLGTEKEDSCFEL
 LHRAVGQFELRKNIMPREVTKDQQLCEKLTVLCAPGTLKTLARYAVRRSLGLQYLPDAVKGLPLPVSL
 KDYLLLLLE

TRTRPLE - GFP Tag - V

Restriction Sites:

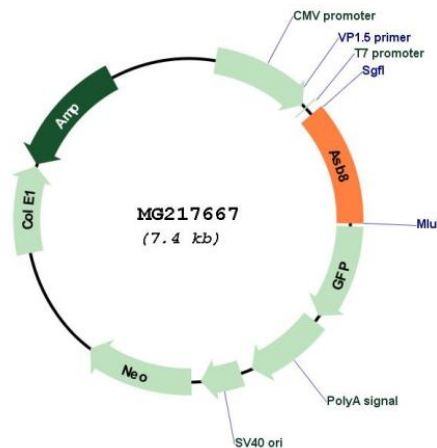
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_030121

ORF Size: 864 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:	<ol style="list-style-type: none">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_030121.4 , NP_084397.3
RefSeq Size:	2166 bp
RefSeq ORF:	867 bp
Locus ID:	78541
UniProt ID:	Q91ZT9
Cytogenetics:	15 F1
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]