

## Product datasheet for **RG207247**

### ASB17 (NM\_080868) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASB17 (NM_080868) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB17
Synonyms:	Asb-17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207247 representing NM_080868 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTAAATCTACTAAATTATGTGGTAAGACTTCTTGCCAAGAAGCAATATATTCTGCAATCTCCTTG  
ACAAAATTGTTAAAAGACCCTCCCTACAGTTTTTGGGTCAGTGGGATATCACTGTTACGAACCAAGGAT  
TTACAGATCACTGGCAAAAATTCTGAGGTATGTGGACTTGGATGGTTTTGACGCACTACTCACAGATTAC  
ATTGCATTTGTGAAAAATCAGGATACCGTTTTGAAGTAAGTTTTAACCTCGACTTCACTGAAATATGTG  
TGAATACAATTCTGTACTGGTTTTTGGCAGAAAAGTAATCCTGACTTTGTGGAATTGCTTCTCAAGAA  
GACAAAAGACTATGTTCAAGACAGAAGTTGTAACCTGGCCTGATATGGAGAATTTACACCAGTATAC  
TGTCGAAGCCATTAAAGTGGCATCACACCTCTTTTTATGTAGCTCAGACAAGACAGTCTAATATCTTCA  
AAATACTACTGCAATATGGAATCTTAGAAAAGAAAAAACCTATCAACATTGTCTTAACAATAGTACT  
CTACCTTCGAGAGTAAGAGTAATGGTTGATCGTGAATTGGCTGACATCCATGAAGATGCCAAAACATGT  
TTGGTACTATGTTCCAGAGTGCTTTCTGTCATTTCAAGCAAGAAATAAGACACAGCTGAGTTTAGGAA  
GACATCCAATTTTCAAATGGTTTGATTACATTCCTTCAACAAGATACAAAGATCCATGTGAATATT  
ACATCTTTCGAGACTAACCATCAGGAATCAACTATTAACCAACAATATGCTCCAGATGGAATATTTTCA  
CTTCTAATTCCTGCTCGCTACAAAACCTATCTGAATTTAGAAATC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG207247 representing NM\_080868  
Red=Cloning site Green=Tags(s)

MSKSTKLCGKTS CPRSNIFCNLLDKIVKRPSLQFLGQWGYHCYEPRIYRSLAKILRYVDLDGFDALLTDY  
 IAFVEKSGYRFEVSNLDFTEICVNTILYWVFARKGNPDFVELLLKTKDYVQDRSCNLALIWRFTFPVY  
 CPSPLSGITPLFYVAQTRQSNIFKILLQYGILEREKNPINIVLTIVLYPSRVRVMVDRELADIHEDAKTC  
 LVLCSRVL SVISVKEIKTQLSLGRHPIISNWFYIPSTRYKDPCELLHLCLRTIRNQLLTNNMLPDGIFS  
 LLIPARLQNYLNLEI

TRTRPLE - GFP Tag - V

**Restriction Sites:**

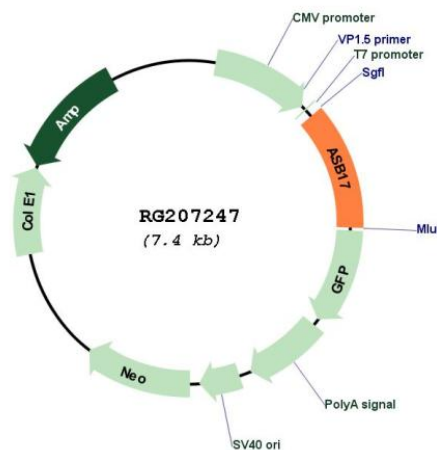
SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_080868

**ORF Size:** 885 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_080868.3</a>
<b>RefSeq Size:</b>	1105 bp
<b>RefSeq ORF:</b>	888 bp
<b>Locus ID:</b>	127247
<b>UniProt ID:</b>	<a href="#">Q8WXJ9</a>
<b>Cytogenetics:</b>	1p31.1
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	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]