

## Product datasheet for MC226743

### Asb13 (NM\_178283) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Asb13 (NM\_178283) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Asb13  
**Synonyms:** 2210015B19Rik; 6430573K02Rik; Asb-13; C85285  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226743 representing NM\_178283  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCCGCGCCGGGGACGGCTGCTTCTGGGAGATGTGGGTTTCTGGGTGGAGCGCACGCCCGTTC  
 ATGAGCGGCTCAGCGGGTGAGAGCCTCCAGCTTCAGCAGCTGATTGACAGTGGAGCATGTGTTAACCA  
 GGTCACTGTGGACTCGATCACACCCTTCATGCAGCAAGTCTGCAGGGCCAGGCCAGTGTGTGCAGCTG  
 CTGCTAGCAGCTGGTCCAGGTGGACGCACGCAACATTGACGGCAGCACCCCTCTTTGTGATGCCTGTG  
 CCTCAGGCAGCATTGAGTGTGTGAAGCTTTGCTGTCCTATGGGGCGAAAGTCAACCCTCCTTTGTACAC  
 AGCATCCCCGCTACACGAGGCCTGCATGAGTGGGAGTTCTGAATGCGTGAGGCTTCTTATTGATGTTGGG  
 GCCAACCTGGAAGCCACGATTGCCATTTGGGACGCCTTACATGTTGCCTGTGCCCGGGAGCATTGG  
 ACTGTGTCAAAGTGTGCTCAATGCAGGGGCAATGTGAACGCAGCCAACTTCATGAGACTGCGCTTCA  
 TCATGCAGCCAAGGTAAGAAGCCTTACCTCATCGAGATGCTCATAGAGTTTGGAGGCAACATCTATGCC  
 CGGGACAACCGGGCAAGAAGCCCTCGGACTACACGTGGAGCAGCAGCGCCCGGCAAGTGTCTTGAGT  
 ACTATGAAAAGACACCTTTAGCCTCTCCAGCTCTGCAGGTGAGCCTGAGGAAGGCCACCGGTGTCGG  
 AGGACTAGAGAAAGTCGCCAAGTTGAACATCCCTCCCCGGCTCATCGACTACCTTTCCTACAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_178283  
**Insert Size:** 837 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_178283.4</a></u> , <u><a href="#">NP_840068.1</a></u>
<b>RefSeq Size:</b>	2410 bp
<b>RefSeq ORF:</b>	837 bp
<b>Locus ID:</b>	142688
<b>UniProt ID:</b>	<u><a href="#">Q8VBX0</a></u>
<b>Cytogenetics:</b>	13 A1
<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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.