

Product datasheet for **MC216358**

Asb10 (NM_080444) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb10 (NM_080444) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Asb10
Synonyms:	Asb-10; BB137407
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216358 representing NM_080444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTCATGAGTTGGTCCCCAGAGGAGTGCAGGGACCAGGGAGAGCCTCAGGGTGACAGATACAGCCTGT
 GTGCCAAGCTGGTAGAGAAGCCTGATAGAGGGTCTGAGGAGCACCTTGAGCCTGGCCTGGGACCTATCAT
 CATCCGCTCGGCTTCAGGACCCACCCTTGCCTTCTGGCAGGCAGTACTTGTGGGGATGTGGGCTGTGC
 TCTCGAATCCTCTCGGACTCCAGCACTGGTCTGGCTCCCGATTCCATCTTTGATACCAGCGACCCAGAGC
 GATGGAGAGATTACCGCTTCAACATCCGTGCTTTGAGACTCTGGTCTCTGACATATGAAGAGGAGCTGAC
 CACTCCACTGCATGTGGCAGCCAGCCGTGGCCACACTGAAGTTCTTGAGTTGCTGCTGAGGCGTCGAGCC
 AAGCCGGACAGTCCCCCGGGGGCCGACTGCACTGCATGAGGCCTGTTCTGCAGGTCATGCTGCCTGTG
 TCCGTGTGCTGTTGGTGGCTGGAGCAGACCCCAACACCCTGGACCAGGATGGCAAACGCCCTTGCATCT
 CTGCCGGGGCCCTGGTATCCTCGAGTGTGTGGAGTTGCTCCTGAAGTTTGGAGCACAAGTGGATGGTCGG
 ACTGAAGATGAAGAAGAGACCCCTCTGCACATAGCTGCCCGCTTGGCCATGTGGAAGTACGAGATCTGC
 TTCTGAGATGGGGTGCCTGTCCTGATGTCCGCAATTCTGAAGTTGGACACCACTGCTGGCTGCCTGTGA
 CATCCGCTGTCAATCCCCAAAGGATGCTGAGGCCACCACCAACCCTGTTTTCAACTGTGCCGCTTGTCTG
 CTGTCTGTGGGGCAGATGCTGATGCCGCCAACCAGGACAAGCAGCGGCCCTGCACCTGGCCTGCCGCC
 ACGGCCACTCAGCTGTTGTACAGCTGCTCCTGTCTGTGGTGTCAACGCTAATGCCATGGACTACGGGGG
 ACACACGCCTCTGCACTGTGCTCTGCTCGGTCCAACACTACAGCAGTGGCCACAGCCCTGAGCACACAGTG
 CGAGATCTACTCAATCACGGTGTGTCCGAGTCTGGCCAGGGGCACTCCCAAGGTGCTGGATCGCTGGT
 GCATGTCCCCACGGACCATCGAGTCTGATGAATACATACCGTGTAGTTCAGCTTCTGAGGAGGCCAA
 GGGCTTGGTGCCACCAGAGATTCTACAGAAGTACCATGGATTCTACTTCCCTCTTGCCTTGGTGAGG
 CAGCCCAGGTGCTGAGCATCTCTGCCGTTGTGCGCTCCGCACTGACCTGGAGGGCTGTCTGCCCATG
 CACTACCGCGCCTTCCCTGCCACCGCGCATGCTCCGCTTCTGCAGCTGGACTTTGAGGATCTGTCTA
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_080444
- Insert Size:** 1404 bp
- OTI Disclaimer:** 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).
- 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_080444.5](#), [NP_536692.1](#)

RefSeq Size: 2327 bp

RefSeq ORF: 1404 bp

Locus ID: 117590

UniProt ID: [Q91ZT7](#)

Cytogenetics: 5 A3

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]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).