

Product datasheet for **MC219109**

Asb14 (NM_080856) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb14 (NM_080856) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Asb14
Synonyms:	Asb-14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219109 representing NM_080856
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAAAGTTGAAAAAGCCTTTTCACAACCTGGAAAAATATTTTAATTCCTTCTGACTTGGAAATCAACC
 TATCCAAGCTTCGTATGGATCCCTCCGGCAGTGACGAGGATGCAGATGCCGACTTTGACACCCAGGTCAT
 CATCCAACAGAGTCTGCTGGATGTTTACAGCCAGGGATAGCTCAGCACACGCCAGAAGCGGCGAGACTC
 CATTCTTCCCAAGTGATGATTATAAGAAGATAGCTGAAGCCATCGAGACAGGTAAGGAAGATGCATTGG
 CAGGCTTTGCCAAGTACCATCCAGCCTTTGATGAAGCCAATGGGAATGGCTGGCTTCTCTGCATAAGGC
 AGCAGTGCAGTTAAACAAGAACATCTTAGAAAATAACCTGAACGCTTCGAAACCCAGTACGTGGGAACGA
 ACCACTCACACGGTGAAACAGCACTTTTTTTGGCTGTCAGCAGTAGCCTCCTGGAAAACGCCACTTTC
 TCCTTCTCAAAGGCTGTAATCCAACGCTAAAACCTTCTGAAGGCAATTCTCTCTTCTTACAGCTGTTCT
 GAAAGACGCCTACGACATGGCCACCTTGCTGATCAGCCATGGAGCAGATGTCAATCTCCGATGTGCCAAT
 GAGAGGACAGCTCTCCATGAAGCTGCCAAGCTGGGCAGACTGGACATGGTAAAACGATGCTGGCTTCTG
 GAGCATACCCAGATGCACGGAGCTCCTACGGATTACGCCCTTGCCCTCGCTGCTCAAGGTGGACACAC
 TGGGATCATGCAACTACTACTGCAGAAAGGAGCTGACGTTACAGTCAGGCCCTGACTCGTCTCTGTG
 TTAAGGCTGTTAGAGGAGGGAATCCGGAAGCTGTGAGTCTGTTGTTAGAGTATGGAGCTGATGCCA
 ACATTCCTAAGAGTTCAGGCCACCTGCCATCCACGTGGCAGCTGACAAAGGCCATTTCTAGCTCTAAA
 GGTATTGGTCCCAGTCACAGACATCGCAGCCATCAAGAAGAGCGGGATCAGTCCGTTTACTGCGCAGCA
 GCTGGGGCGCACCCCACTGCCTGGAACCTCTCATTGAGGCTGGATTTGATGTGAATTTTCAATGCTGGATC
 AGAGAATCCGTAACATTATGATGATCAACGGAAGTCAGCCTTGTATTTTGTGTTTCAAACGGTGACCT
 CCCTTCAGTTAAGCTGCTTCTGAGTCTGGAGCTTACCCAATCAAGACCCAGTCAACTGCCTACAGATA
 GCTCTTAGGATGGCAACTATGAGCTCATAAGTCTATTACTGAGGCACGGGGCAACGTCAACTACTTCT
 GCCGCTTAACCTTTGCATTTCCATCAGCGCTACAATACACATTGAAAGATGAAGTCATGCTCAGGAT
 GCTGTTGAATTATGGCTATGACTGAGCGATGTTTTGATTGTCCTCATGGAGAAAGGGTTCATCGGTTT
 TGTACTTTGAAGGCTGGACATCTACAGTTATTAAGATACTATGTTTTGTGAAGTCATAACTTTGTCAT
 GGCTACAGCATCTCTGGGAAAGTTGTCGTGTGATGCTTGATTATGTTGATCAAGTTCAAATCTGTTCC
 AAAATTGAAAGCTGTGCTGGAAAAACAAGGCTCTGGCCAGAAAATACATTTTATCTTGAGTGAGTATCGT
 TCTCATAGAAAATTCCTACAAAACACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_080856
- Insert Size:** 1710 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_080856.4](#), [NP_543132.3](#)

RefSeq Size: 1815 bp

RefSeq ORF: 1710 bp

Locus ID: 142687

UniProt ID: [Q8C6Y6](#)

Cytogenetics: 14 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 (2) uses an alternate 3' splice pattern, compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus, compared to isoform 1. CCDS
Note: The coding region has been updated to represent an alternate splice site between exons 3 and 4 which includes an intron with TT[^]AG splice junctions that is conserved in other species. The update also extends the N-terminus by 129-aa, and changes the C-terminus.