

Product datasheet for **MC219915**

Asb2 (NM_023049) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb2 (NM_023049) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Asb2
Synonyms:	1110008E15Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219915 representing NM_023049
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGACTGAGATCTCCACTCGGGGCAGACAACGTGCCATCGGACATGAGGAATACAGCCTATACAGCA
 GCCTGAGCGAGGAGGAGCTGCTCCAGATGGCCATCGAGCAGAGCCTGGCAGACAAGACTCGGGGCCGAC
 CCCTGCTGAGGCCTCCGCGTCTCTCAGACCAACCACCAGCCAGGACATTTCCACCCATGGACCAGTCC
 CCTTCGCTCTCCGAGAACCACCGGCCCGCGCACCCCTGGGTCTGTTCCAAGGGGTATGCAGAAGTATA
 GCAGCAACCTGTTCAAGACCTCCAGATGGCGGCTATGGACCCCGTCTGAAGGCCATCAAGGAAGGGGA
 TGAAGAGGCCTTGAAGATCATGATCCAGGATGGGAAGAATCTGCAGAGCCCAACAAGGAGGGCTGGCTG
 CCGCTCCACGAGGCTGCCTACTATGGCCAGCTGGGCTGCCTGAAAGTCTGCAGCAAGCCTACCCAGGGA
 CCATTGACCAACGCACACTGCAGGAAGAGACAGCATTATACCTGGCCACATGCAGAGAACACCTGGATTG
 CCTCCTGTGCTGCTCCAGGCGGGGCAGAGCCTGACATCTTAACAAATCCAGGGAGACTCCACTTTAC
 AAGCCTGTGAGCGCAAGAACGCGGAGGCGGTGAGGATATTGGTGCATACAACGCAGACGCCAACCACC
 GCTGTAACAGGGGCTGGACCGCACTGCACGAGTCTGTCTCCCGCAATGACCTGGAGGTATGGAGATCCT
 AGTGAGTGGCGGGGCCAAGGTGGAGGCCAAGAATGTCTACAGCATCACCCCTTTGTTGTGGCTGCCAG
 AGTGGGACAGTGGAGGCCCTGAGGTTCTGGCCAAGCATGGTGCAGACATCAACACGCAGGCCAGTGACA
 GTGCATCAGCCCTCTACGAGGCCAGCAAGAATGAGCATGAAGACGTGGTAGAGTTTCTTCTCTCAGGG
 CGCCGATGCTAACAAAGCCAACAAGGACGGCTGCTCCCCTGCATGTTGCCTCCAAGAAGGGCAACTAT
 AGAATAGTGCAGATGCTGCTGCCTGTGACCAGCCGACGCGCGTGCGCCGTAGCGGCATCAGCCCGCTGC
 ACCTAGCGGCCGAGCGCAACCACGACGCGGTGCTGGAGGCGCTGCTGGCCGCGCGCTTCGACGTGAACGC
 ACCTCTGGCTCCCGAGCGCGCCCGCTCTACGAGGACCGCCAGTTCTGCGCTCTACTTCGCTGTGGTC
 AACAACAATGTGTACGCCACCGAGCTGTTGCTGCTGGCGGGCGGGACCCCAACCAGCATGTCATCAGCC
 CTCTGCTCGTGGCCATCCGCCACGGCTGCCTGCGCACCATGCAGCTGCTGTTGGACCATGGCCCAACAT
 CGACGCCATACATCGCCACTCACCCACCGCCTTCCAGCCACCATCATGTTTGCCATGAAGTGCCTGTG
 TTAAGTTCCTTATGGACCTCGGCTGCGATGGCGAGCCCTGCTTCTCCTGCCTGTACGGCAACGGGC
 CGCACCCACCCCGCCGACCTGGCCGCTTCCACGACGACCCCGTGGACGACAAGGCACCTAGCGTGGT
 GCAGTTCTGTGAGTTCTGTGCGCCCGGAAGTGAGCCGCTGGGCGGGACCCATCATCGATGTCCTCCTG
 GACTATGTGGCAACGTGCAGCTGTGCTCCCGGCTGAAGGAGCACATCGACAGCTTTGAGGACTGGGCTG
 TCATCAAGGAGAAGGCAGAACCTCCGAGACCTCTGGCTACCTCTGCCGCTGCGGGTTCGGAAGGCCAT
 AGGAAAATACCGGATAAACTCCTGGACACACTGCCGCTTCCCGGACGGCTAATCAGATACCTGAAATAT
 GAGAATACACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_023049

Insert Size: 1905 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_023049.1](#), [NP_075536.1](#)

RefSeq Size: 2707 bp

RefSeq ORF: 1905 bp

Locus ID: 65256

UniProt ID: [Q8K0L0](#)

Cytogenetics: 12 52.9 cM

Gene Summary: Probable 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]