

Product datasheet for **MC211720**

Asb5 (NM_029569) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asb5 (NM_029569) Mouse Untagged Clone
Tag: Tag Free
Symbol: Asb5
Synonyms: 1110018D09Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211720 representing NM_029569
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGTGTTAGAAGAAAGCCGGCCATTTGCTCAACAGCTATCTAATGTCTATTTACGATACTCTCCC
TCTTCTGTTTTAACTTTTTGTGAAGATCAGCCTTGCCATCCTTAGTCATTTCTACATCGTGAAAGGCAA
CCGAAAGGAAGCCGCAAGGATAGCAGCTGAGTTTTATGGAGTAAGCCAAGGACAAGGATCCTGGGCAGAT
CGATCACCACCTGCATGAAGCTGCAAGTCAAGTCTTCTTGCTCTGAGGACATTGCTATCACAAGGAT
ATAATGTAATGCAGTAACCATAGACCATGTCACCTCCACTCCATGAGGCCTGCCTAGGTGACCACGTGGC
CTGTGCAAGGACTCTCCTGGAAGCTGGGGCTAATGCAAACGCAATCACCATAGATGGCGTGACTCCCTTG
TTCAACGCATGCTCACAAGGCAGCGCAAGTTGTGCAGAACTCCTTTTGAATATGGTGCCAAAGCCCAAC
TGGAGTCTGTTTTCCATCTCCAACACATGAGGCTGCCAGTAAAGGTCAACATGAATGTCTCGACATTTT
GATAGCCTGGGGCATAGATGTTGACCAAGACATACCTCACTTGGGAACCTCCTTTATGTAGCTTGATG
TCACAGCAGTTCATTGCATCTGGAAGCTTCTTTATGCTGGTGTGATGTGCACAAAGGCAAGTACTGGG
ACACGCCACTGCATGCTGCCGCTCAACAACCCAGTACCGAAATCGTGAACCTACTGCTAGAATTTGGAGC
AGACATCAATGCAAAGAACACAGATCTCTTGCGCCTGTGACTTGGCTACATCTAACAGTCTGTAGAA
AGAATACTTCTTCAACATGAAGCTACCCCAAGCTCTCTTTGCCAACTGTGCCGACTCTGCATCCGAACT
ACATAGGAAGACAAGGTTCCATCTTATCCCTCAGCTCCAGTTACCAACATTGCTGCAGAATTTCTTACA
GTATCGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029569



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Insert Size:	990 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:	<ol style="list-style-type: none">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_029569.3 , NP_083845.1
RefSeq Size:	1579 bp
RefSeq ORF:	990 bp
Locus ID:	76294
UniProt ID:	Q9D1A4
Cytogenetics:	8 B1.3
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. May play a role in the initiation of arteriogenesis (By similarity).[UniProtKB/Swiss-Prot Function]