

Product datasheet for **RR202661**

Asb10 (NM_001109216) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb10 (NM_001109216) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb10
Synonyms:	RGD1562922
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR202661 representing NM_001109216
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTGGTCCCAGAGGAGTGCAGGGACCAGGGAGAGCCTCAGGGTAACAGATACAGCCTCTGCGCCA
 GGCTGGTGGAGAAACCCGACAGAGCCCCTGAGGAGAATCCTGAACCTGGCCTGGGACCTATCATCGTCCG
 CAAGGCTTCAGGACCTGCTCTTGCCCTTCTGGCAGGCACTGCTTGTGGGGATGTGGGCTCTGCTCTCAA
 ATCCTCTCGGACTCCAGCACTGGTCTGGCTCTGATTCTACCTTTGATACCAGCGACCCAGAGCGATGGA
 GAGATTACCGTTCAACATCCGTGCTCTGAGACTCTGGTCTCTGACATTTGAAGAGGAACTGACCACTCC
 ACTGCACGTGGCAGCCAGCCGTGGCCACACTGAAGTTCTTCAGTTGCTGCTAAGGCGCCGAGCAAAGCCA
 GACAGTCCCCGGGGCCGCACTGCCCTGCATGAGGCCGTGCTGCGGGTACGCGCCTGTGTGCACG
 TGCTGTTGGTGGCTGGAGCAGACCCCAACTCCTGACCAAGATGGCAAACGCCCTCTGCATCTTGCCG
 GGGCCTGGTATCCTTGAGTGTGTAGAGTTGCTCCTGAAGTTTGGGGCACAAGTGGACGGTCCGGTCTGAA
 GATGAAGAGGAGACCCCTTTCACGTAGCTGCCGGCTTGGCCACGTGGAAGTAGCAGATCTGCTCCTGA
 GATGGGGTGCATGTCCTCATGTTTCGAAATCTGAAGTTGGACACCACTGCTGACTGCCTGTGACGCCCC
 CTGCCAATCCCCAGTGGATGCCGAGGCCACCGCAACCGCTGTTTTCAACTGTGCAGCTTGTGTGTGCG
 GTGGGGGAGATGCTGATGCTGCCAACCAGGACAAGCAGAGGCCCTGCACCTGGCCTGCCGCCATGGCC
 ACTCAGCCGTTGTACAAGTCTCTTCTGTGGCGTCACTGCTAATGCCATGGACTATGGGGGACACAC
 GCCTCTGCACTGTGCTCTGCTCGGTCCAACACAGCACTGGCCCCACAGCCCTGAACACATCGTGGGGAT
 CTACTCAATTATGGTGCAGTCAAGTGTGGCCAGGGGCACTCCCCAAGGTGCTGGATCGCTGGTGCATGT
 GCCCAGCACCATCGAGGTCCTGATGAACACATACCGTGTAGTTCACTTCTGAGGAGGCCAAGGCTT
 GGTGCCACCTGAGATCCTACAGAAGCACTGTGGATTCTACTCTTCCCTCTTCGCTTTGGTGAAGCAACCC
 AGGTGCTGCAGACCTCTGCCGCTGGGCGCTCCGCACTCACCTGGAGGGCCGCTGCCCAACGCCCTTC
 CACGGCTACCCCTGCCACCGCATGCTCCGCTACCTGCAGCTGGACTTTGAAGATCTGCTCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR202661 representing NM_001109216
 Red=Cloning site Green=Tags(s)

MSWSPEECDQGEPPQGNRYSLCARLVEKPDRAPEENPEPGLGPIIVRKASGPALAFWQAVLVGDVGSVSQ
 ILSDSSTGLAPDSTFDTSPPERWRDYRFNIRALRLWSLTFEELTTPHVAASRGHTEVLQLLRRRAKP
 DSAPGGRTALHEACAAGHAACVHLLVAGADPNTPDQDGRPLHLCRGPGILECEVLLLFKGAQVDGRSE
 DEEETPLHVAARLGHVELADLLRWGACPHVRNSEGWTPLLTACDARCQSPVDAEATANRCFQLCSLLS
 VGADADAANQDKQRPLHLACRHGSAVVQLLLSCGVSANAMDYGGHTPLHCALLGPTTALHSPEHIVRD
 LLNYGAVRVWPGALPKVLDRCWMSPTIEVLMNTYRVVQLPEEAKGLVPPEILQKHCGFYSSLFALVKQP
 RSLQHLRWALRTHLEGRPLHALPRLPLPPRMLRYLQLDFEDLLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_001109216.2](#), [NP_001102686.1](#)

RefSeq Size: 1809 bp

RefSeq ORF: 1398 bp

Locus ID: 499972

Cytogenetics: 4q11

MW: 51.2 kDa