

Product datasheet for **MC217347**

A1bg (NM_001081067) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A1bg (NM_001081067) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	A1bg
Synonyms:	C44
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217347 representing NM_001081067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTGCTGGCTACTGTACTGCTGCTCTGGGGTTCACTCTGGGCCAGGAAATACTCTAATGCTCG
 ATTCTGGCAGTGAACCTAAACTATGGGCAGAGCCTCAGTCCCTGCTGGAACCTGGGCAAACCTGACCCCT
 GGTGTGTGCAGTTGATTTGCCGACTAAGGTCTTCGAGCTGATCCAGAACGGGTGGTTCTGAGTCAAGTC
 CGACTTGAGACACAGGTGCTGCATACCGCTTTTCCCTGGGGGCCATTACAAGTAACAACAGTGGCATCT
 ACCGCTGCAGATGTGGCGTGGAAACCCCTGTTGACATTACCTGCCAGCACTGAACAAGTGGACCATGCT
 AAGCAATGCTGTGGAGGTGACAGGGAAAGGCCCTTGCTCGGCCCTGGCTCATGCTGATCCAGTCGAC
 TGGATCACACCTGGTGGCTGCCTGTATACGTGATGTGCCAGGTGCAATGCGGGGTGTGACCTACCTGC
 TGAGGCAGGAAGGAGTGGATGGCGTCCAGAAACCTGATGTCCAGCACAAGGGAACAGCTGGCTTTTTAAT
 CTACAAGCTGGCAACTACAGCTGCAGTACCTAACCCATGCAGCAGGTGAACCCCTGAGCCCAGTGAT
 ATTGTGACCATCAAGATGTATGCCTCACAGGCTCCACCCACTCTGTGTTGATGGAAACTACCTAATGA
 TCTACCCCCAGAAGACATATGAGACCCTTGCTGCAAAGCTCCTCGGAATGCAGCTGAATTTCAACTCAG
 GCAAGGAGGGAAGGTGCTGAAAATTCATGGGTTTAGCCCCACAGAGATGCTATCCTGTACTATGTGAAC
 TTGAAGGAACTGGATAAACCAGGTCCTTTCACCTGCCGCTACCGGATGCACAAATACATGCACGTTTGGT
 CAGAGGACAGCAAGCCGTAGAGTTAATGTGGAGTGATGAGACTCTACAAGCTCCGGTACTTACTGCAGA
 GCCATCGAGTAGGACCTTGAGCCTGGTTCAACGGTGCAGCTTCGATGTACTGCACCCGTATCCGGCCTG
 CGCTTTGGCCTGCAACGCCAGGGCAAACCGGAATTAGTTGTGGTGCAAATGCTGAATTCGCTGGGACCC
 AAGCAGTCTTTGAGCTGCACAATATCTCAACAATAGACTCTGGAACCTACAGCTGTATCTACATGGAA
 GGCACCGCCATTCTCAGGATCTTCTCCAGTGAGCCCGTGGAGCTGCGGGTGAATGGGCCACCACCAAG
 CCAAGGCTGGAAGCTCTGTGAAAAGCACAGTACATCTGGGTGAGGAAGCCATCTTTCGATGCCACGGCC
 ATGTGCCTAGGGTACGATGGAGCTGGTACGTGAGGGCTTTAAAACACCCCTTCGCGGTGGCCTCCACAAG
 AAGCACCTCAGCTTACCTGAAGCTGCTCTTCGTCGGTCCCAACATGCAGGCAACTACAGCTGCCGCTAT
 ACGGCCCTGCCGCCCTTACATTTGAATCAGGGATCAGCGACCCTGTGGAGGTTATAGTAGAAGG**TAG**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081067

Insert Size: 1539 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_001081067.1](#), [NP_001074536.1](#)

RefSeq Size: 1823 bp

RefSeq ORF: 1539 bp

Locus ID: 117586

UniProt ID: [Q19LI2](#)

Cytogenetics: 15 D1