

Product datasheet for **RN206712**

A1bg (NM_022258) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A1bg (NM_022258) Rat 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: >RN206712 representing NM_022258
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTGTTGACTACTGTACTACTTCTCTGGGTTTCACTCTGGGCCAGGAAATGCTCTTTGGCTTA
 ATTCTGGCAGTGAACCTGAACACTACGGGCAGAGCCTCAATCCTTGCTGGAACCTGGGCAAACCTCACACT
 GGTCTGGCAGTTGATTTGCCTACCAAGGCTTCGAGCTGATCATGAATGGGTGGTTCCTGAGTCAAGTC
 CGACTGGAGACACCGGTGTTGTATATCGCTTTCCCTGGGGGCCATTACAAGTAACAACAGTGGCGTCT
 ACCGCTGCCGATGTGGCGTGAACCCCCCTGTTGACATTCAACTGCCAGCGCTGAGCAAGTGGACAATGCT
 AAGCAATGCTTTGGAGGTGACAGGAAAGAGCCCTTGCTCCACCCTCAGCTCACGCTGATCCAGTCTCC
 TGGATCACACCTGGTGGCTGCCTGTCTACATCATGTGCCGGTTGCCATGCGAGGTGTAACTACCTGC
 TGAGGAAGGAAGGGTGGATGGTACCCAGAAACCTGATGTCCAGCACAAGGGAACGGCTGGCTTTCTAAT
 CTACAAGCCTGGTAACTACAGCTGCAGCTACCTAACCCATGCAGGAGGCGAACCCCTGAGCCAGTGTCT
 ATTGTGACCATCAAGATGTCTGCCACACAGCTTCCACCAGTCTGTGTTAATGGGAAGTTACCTAACGA
 TCTACCCCCAGAAGACACATGAGACGCTTGCTTGCAAAGCTCCTCGGAATGCAGCCGAATCCAACCTCAG
 ACAAGGAGAGAGGGTGTGAATATTCAAGGGTTCAGCCCCACAGAGATGCTACCATATACTATGTGAAC
 TTGAAGGAACTGGATAACCAAAGTCCTTTACCTGCCGCTACCGTATGCACAAAATACATGCATGTTGGT
 CGGAGGACAGCAAGCCGTAGAGCTGATGTGGAGTGACGAGAAATACCAGCCCCGCTACTCAGTGCAGA
 GCCATCAAGTCACAACCTGGAGCCTGGTTCAACAGTGCAGCTTCGATGTACTGCACACAAGGCTGGCCTG
 CGCTTTGGCCTGCAACGCCAGGGCAAACCAGATTTAGTTGTGGTGCAGATGCTGAATTCGCTGGGACCG
 AAGTGTCTTTGAGCTGCACAATATCTCAACAATCGACTCTGGCAACTACAGTTGTATCTACATGGAACA
 AGCACCACCTTCTCAGGATCTGCTTCCAGTGAGCCCTTAGAGCTGCGGATAAATGGGCCAGCACCCAAG
 CCAAGGCTGGAAGCTCTGTGAAAGGCAAGGTTCTCTGGCCATGAAGCCATCTTTCAATGCCATGGCC
 ATGTGCCCAGGGTCAAGTGGAGCTGGTACGTGAGGGCTTTAAAACACCTTCTGGATGGCTTCAACAAC
 AAGCACCTCAGCTTTTCTGAAGCTGTCTTCGTCGGTCCCAACATACAGGCAACTACAGCTGCCGCTAT
 ACTGCCCTGTACCCTTACATTTGAATCAGGGATCAGTGACCCTGTGGAAGTTGTAGTAGAAGGTAGCT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_022258

Insert Size: 1542 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_022258.2](#), [NP_071594.2](#)

RefSeq Size: 1716 bp

RefSeq ORF: 1542 bp

Locus ID: 140656

UniProt ID: [Q9EPH1](#)

Cytogenetics: 7q33

Gene Summary: may have a role in the immediate-early response phase of liver regeneration [RGD, Feb 2006]