

Product datasheet for **RN200962**

Adgrb2 (NM_001107914) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adgrb2 (NM_001107914) Rat Untagged Clone
Tag: Tag Free
Symbol: Adgrb2
Synonyms: Bai2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200962 representing NM_001107914
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCAGCCTGTCCCCTCTACTGTCTGTGATTCTGTCCCTGCGCCTGGCCACGGCCTTCGACCCTG
 CCCCCAGTGCCTGCTCTGCCCTGGCCTCGGGCGTGTCTACGGGGCCTTCTCACTGCAGGACCTCTTTCC
 CACCATCGCCTCGGGCTGCTCCTGGACCCTGGAGAACCAGACCCACCAAGTACTCGCTCTACCTGCGC
 TTCAACCGACAGGAGCAGGTGTGCACACTTTGCCCCGCGCCTGCTGCCCTGGACCCTACCTGGTCA
 ACTTTACGTGTCTGCGGCCTGGTCCGGAGGAAGCCACAGCCCGGGCGGAATCAGAAGTGGGGCGGCCAGA
 GGAGGAAGCGGAGGCCGAGGCAGCAGCCACGGGCTTGGAGCTGTGTGGTGGCTCAGGCCCTTTCACCTTT
 CTGCACTTCGACAAGAATTCGTGCAGCTGTGCCTGTGCGCTGAGCCCTCGGAGGCCACGTCTGCTAG
 CGCCTGCTGCCCTGGCCTCCGCTTTGTGGAGGTTTTGCTTATCAACAACAACAACCTCCAGCCAGTTAC
 CTGCGCGTGTCTGCCGCTGGAGTGGAGTGTGGTGGGCTGCAGGCAGGGCTTGTGGCTTTGCTCAG
 CCAGGGTGTAGCTGCCCTGGGGAGGCTGGGGCCAGCCCTGCCACCACCACACCTCCGGGGCCTCCAGCTG
 CCCACACCTGTCCAATGCCTTGGTGCCTGGGGCCAGCCCTCCTGCTGAGGCCGACTTCGACTCGGC
 GAGCAGCAATGACCTGTTCAACCACGAGATGAGATACGGTGAGGAGCCGGAAGAGGAACCGAAGGTGAAA
 ACCCAGTGGCCAAGGTCTGCAGATGAGCCTGGGCTATACATGGCCGACAGCGGACCCAGCAGCTGAGG
 AGTGGTCCCGTGGAGCGTGTGTTCCCTGACGTGTGGCAGGGTCTGCAGGTGCGGACCCGCTCCTGCGT
 GTCCTCCCTATGGGACCCTGTGCAGCGGGCCCTTCGGGAGACCCGGCCTTGAACAATTTCAGCCACC
 TGCCAGTGCACGGCGTGTGGGAGGAGTGGGGTCTGGAGCCTGTGCTCCCGCAGCTGCGGGCGGGGGT
 CCCGGAGTCGGATGCGGACCTGCGTGCCCCCAGCACGGCGGAAGGCCTGCGAGGGTCCCAGCTGCA
 GACTAAACTCTGCAGTATGGCCGCTGCCCGTGAAGGCCAGTGGCTAGAATGGGGTCCCTGGGGCCA
 TGCTCCTCATCTTGTGCCAATGGGACCCAGCAGCGCAGCCGGAAGTGCAGTGTGGCCGGTCCAGCCTGGG
 CCACGTGCGCAGGTGCCCTCACCGATACCGTGAGTGCAGCAACTTCGACTGTCCAGCCACTGATGGCAA
 GTGGGGGCCATGGAACGCATGGAGCCTGTGCTCCAAGACGTGTGACACGGGCTGGCAACGCCGCTCCCG
 ATGTGCCAGGCTCCGGCACGCAGGGCTACCCTTGCAGGGCACGGGAGAGGAGGTGAAACCCTGCAGT



[View online >](#)

AGAAGAGGTGCCAGCCTTCCATGAGATGTGCAGAGACGAGTACGTCATGCTCATGACGTGGAAGAGGGC
 AGCGGCTGGCGAGATCATTTACAACAAATGTCCCCTAATGCCTCGGGTCTGCTAGCCGCCGTGTCTC
 CTCAGTGCCAGGGCGTGGCATACTGGGGACTGCCAGTTTCGCTCGTTGTATATCTCATGAATACCGAT
 ACCTGTACCTGTCACTTCGGGAGCACCTGGCTAAGGGCCAGCGCATGCTGGCAGGTGAGGGCATGTCGCA
 GGTGGTGGGAGCCTACAGGAGCTCCTGGCTCGGCGTACTTACTACAGCGGGACCTGCTTCTCTGTG
 GACATTCTAAGGAACGTCACTGACACCTTCAAGAGGGCCACCTATGTCCCTTCGCTGATGACGTGCAGC
 GTTCTTCCAGGTGGTGAAGCTTTATGGTGGACTCAGAAAACAAGGATAAGTGGGACGACGCTCAGCAGT
 GTCGCCTGGCTCTGTGCACTTGGCTGCGTGTGGGAAGATTTTATTACCTCGTGGGCGACGCTCTCAAG
 GCCTTCCAGAGCTCTCTGATTGTACGGACAACCTGGTGTACAGATTACAGAGAGCCTATCTCAGCGG
 TGTCCAGTGACATCACATTTCCCATGCGGGGCCGAGGGGCATGAAGGACTGGGTACGACATTCAGAGGA
 TCGCCTTCTCTACCAAGGAGGTGCTCAGCCTGTCTCCCGAGGGAAGCCAGCCACACCTGGGGCAGCC
 ACAGCGGGCAGCCCGGGCAGGGGGAGGGGCCAGGAACGGTGCCCTGGCCAGGCCCGCCACCAGC
 GCCTTCTCCAGCTGACCCCGAAGAGTCTCTCTACTTTGTGATCGGTGCTGTGCTTACCGCACCT
 TGGCCTCATCTGCCGCCCGCCAGGCCTCACTTGTGTACCTCCGGGTGATGACAGTACTGTGCT
 CCCCCACCCAGCTCCAGCGGAGCCCTCATTACAGTAGAGCTCTCGTACATCATCAATGGCACCCTG
 ATCCCCACTGTGCCAGCTGGGACTACTCGAGAGCAGATGCCAGCTTGGGGGACTGGAACACTGAGAGCTG
 CCAGACCTTGAGACCCAAGCAGCTCACACCCGCTGCCAGTGCCAGCACCTGTCCACCTTGGCCGCTCTG
 GCCCAGCCACCAAGGACCTGACTCTGGAGCTGGCGGGTGTCCCTCTGTCCCCCTGGTGTGCGGTGTG
 CGGTGTCTGCATGGCCCTGCTCAGCTTGTGGCCATCTATGCAGCCTTCTGGAGGTTTATAAAGTCAGA
 ACGCTCCATCATCTTGTGAACCTTGTGCTGTCCATCTGGCTTCCAACATCCTGATCCTCGTGGCCAG
 TCCCGGGTGTGAGCAAGGGCGTATGCACCATGACAGCTGCCTTCTACACTTCTTCTTGTCTCTCT
 TTTGCTGGGTGCTTACAGAGGCTGGCAATCCTATCTGGTGTGATCGGGCGGATGCGCACCCGCTGGT
 TCGCAAGCGCTTCTCTGCTGGCTGGGTCTGCCTGCCCTGGTGGTGGTGTGTCTGTGCTTTACT
 CGCACCAAGGATACGGCACATCCAGCTACTGTGGCTGTCCCTAGAGGGTGGCCTGCTCTACGCCCTTG
 TGGGTCCAGCAGCAGTATCGTCTGGTGAACATGCTCATCGGAATCATCGTCTTCAACAAGCTCATGGC
 TCGAGATGGCGTCTCAGACAAGTCTAAGAAGCAGAGGGCCGGTGGAGCGGTGCCCTGGGCCAGCCTG
 CTCCTCCCTGCTCAGCGTGTGGAGCGGTCCCCAGCCCCCTGCTCAGCTCAGCCTCGGCCAGGAATGCCA
 TGGCTTCCCTCTGGAGTCTGCGTGGTACTGCCTCTCTGGCGTTACCTGGATGTCCGCTGTCTGGC
 CATGACAGATCGCCGCTCCGCTCTTCCAGCGCTCTTGTGTTTTCAACTCTGCACAAGGCTTTGTC
 ATCACCCCGTGCACTGCTTCTGCGCCGAGAGGTCCAGGATGTGGTAAAGTGCCAGATGGGTGTGTGTC
 GGACTGATGAGAGTGAAGACTCCCAGACTCGTGAAGAACGGACAGCTGCAGATCCTGTGACAGCTTTGA
 AAAGGACGTGGATCTGGCTTGTGACAGAGTCTGTTCAGGAGGTCAACACTTGCAACCCGTCCACCATC
 ACCGGCACTTTGTCCCGCTGTCTCTGGATGAGGATGAGGAGCCCAAGTCTGTCTCGTGGTCTGAGG
 GTGGCCTCAGCTTCTCACCAGTGCCTGGGAACATCCTAGTACCATGGCAGCCTCGCCAGGTCTGGGGGA
 GCCACCACCACAGGAGACCAACCTGTGTACATGTGTGGGAGGGTGGCCTGCGGCAATTGGACCTT
 ACATGGTACGGCCAAGTGAACCAGGCTCTGAGGGGGACTACATGGTGTGCCCGGGGACTTTGAGCC
 TGCAGCCTGGCGGTGGGGTACAGGGGGTGAAGGACCAAGGGCCCGGCTGAGGGGACCCCGGGCGG
 GGCTGCCAAGACAGTGGCCACACTGAAGGCTACCCAGCTTCTGTCTGTGGAGCACTCGGCTTAGGG
 CTGGGCCCTGCCTATGGTCTCTCCAGAACCATATGGGATGACCTTCCAACCACCACCAACACCCCA
 CGCCCCGCAAGTACCAGAGCCAGGAGAACGTAGCCGGACATGCCCGTACAGTGCCTGGTTCACCCAT
 GAAGCTGGGCTCCCTTGAGCGAAAGAAGCTTCGGTATTCTGACTTGGACTTTGAGAAGGTGATGCATACC
 CGGAAACGGCACTCGGAACCTACCACGAACCAACCAGAAGTTCACACTTTCGACCGCTACCGTAGCC
 AGTCTCAGCCAAGGAGAAACCCAGCCCCCTGGGGACGCCCTGGCTTGTCCCAGCACAGGAGGCATCA
 AAGCTGGAGCACTTCAAATCTATGACTGGGCTCACTGCCCCCAACCTCGAGAACGGCTGGCTCTG
 CACCGGACAGCAGCTGGGAGCCACAGAACCAGCCAGCGGACTTCCAGACAGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001107914

Insert Size:	4683 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:	<u>NM_001107914.1</u> , <u>NP_001101384.1</u>
RefSeq Size:	5001 bp
RefSeq ORF:	4683 bp
Locus ID:	313058
Cytogenetics:	5q36