

Product datasheet for **SC207907**

BAI1 (ADGRB1) (NM_001702) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BAI1 (ADGRB1) (NM_001702) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ADGRB1
Synonyms: BAI1; GDAIF
ACCN: NM_001702
Insert Size: 620 bp
Insert Sequence: >SC207907 3'UTR clone of NM_001702
The sequence shown below is from the reference sequence of NM_001702. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GACATCATCGACCTCCAGACCGAGGCTTGAGCGGGTGGGCGGGCCACGCACTGGGCCACGGAGGAGG
GATGCTGCTCCGCCCGCTCCTGCCGAGACGGGCACAGACACGCTCGCGGCAGCGGCCAGGCCCGCA
CCCCGGCCTCAGGGCGCTCAGACGGCGGCCAGGCACAGGGCCCGAGTGCTGGGACCAGAGCCAGATGC
AGGACAGGAGGGCGGCCCGCCAGCGGGCACAGGGCACCAGAGGCCGAAGGTGCCTCAGACTCCGCCCTC
CTCGGGCCGAGGCCAGCGGGCAGATGGCGGACGGCTGTGGACCGTGGACAGGCCAGCGCGGCCAGC
GTCCCAGGGTACCCGCTGAGCTCCTGCTGCGGAGGAGCTGCCTGCTTGGCCCGGCCGCTGGCACCG
TTTTTTAAACACCCCATCCCTCGGAAGCAGCCAGCTCCCCACACCTTCCAGGGCCCTAGGCCCTCC
TAGACCCAGGTGGAGGGCACAGCCCTCCGACCCTCATGGCCCCAGGGGCAGGACTGAGTCCCCTCCAG
GAAGAAGCAGGGGGAATCTATTTTTTCTCCTTTTCTTTCTTCAATAAAAAGAATTAACCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM_001702.3](#)

Summary: Angiogenesis is controlled by a local balance between stimulators and inhibitors of new vessel growth and is suppressed under normal physiologic conditions. Angiogenesis has been shown to be essential for growth and metastasis of solid tumors. In order to obtain blood supply for their growth, tumor cells are potently angiogenic and attract new vessels as results of increased secretion of inducers and decreased production of endogenous negative regulators. BAI1 contains at least one 'functional' p53-binding site within an intron, and its expression has been shown to be induced by wildtype p53. There are two other brain-specific angiogenesis inhibitor genes, designated BAI2 and BAI3 which along with BAI1 have similar tissue specificities and structures, however only BAI1 is transcriptionally regulated by p53. BAI1 is postulated to be a member of the secretin receptor family, an inhibitor of angiogenesis and a growth suppressor of glioblastomas [provided by RefSeq, Jul 2008]

Locus ID: 575

MW: 21.6