

Product datasheet for SC119090

BAI3 (ADGRB3) (NM_001704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAI3 (ADGRB3) (NM_001704) Human Untagged Clone
Tag:	Tag Free
Symbol:	BAI3
Synonyms:	BAI3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119090 sequence for NM_001704 edited (data generated by NextGen Sequencing)

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ATGAAGGCTGTTTCGTAACCTGCTGATTTATATATTTTTCCACCTATCTCCTGGTTATGTTT
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Clone variation with respect to NM_001704.2
4008 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001704 unedited
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001704 unedited
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 GATGGTCAGAAGTGGACACCTGGTCATCTCTCCACTAGCCTGACCTAGGGACAACCTACC
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 CTGTCCACGATAGAAATGGCGGGCTTCCAAGACTTAACTGTCCAGCGGCAAAAAGGTTT
 GGCCCTCACCCAGCCCTCGCCGACTGTTACAACCCTCTGGGGCAAAGGCACCTCTTGG
 GCCACTCACAGGGAGAGTCCGAGACGCCTTCTCCACTGGGGTGGGCCCTAAGGCCCAAA
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 GTGGGCTATTGAAATGCGCCCAAGGAT

Restriction Sites:

NotI-NotI

ACCN:

NM_001704

Insert Size:

6250 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_001704.1](#), [NP_001695.1](#)

RefSeq Size: 5218 bp

RefSeq ORF: 4569 bp

Locus ID: 577

UniProt ID: [O60242](#)

Cytogenetics: 6q12-q13

Domains: GPS, 7tm_2, tsp_1, HormR

Protein Families: Druggable Genome, GPCR, Transmembrane

Gene Summary: This p53-target gene encodes a brain-specific angiogenesis inhibitor, a seven-span transmembrane protein, and is thought to be a member of the secretin receptor family. Brain-specific angiogenesis proteins BAI2 and BAI3 are similar to BAI1 in structure, have similar tissue specificities, and may also play a role in angiogenesis. [provided by RefSeq, Jul 2008]