

## Product datasheet for **SC338070**

### **BAI2 (ADGRB2) (NM\_001294336) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BAI2 (ADGRB2) (NM_001294336) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADGRB2
Synonyms:	BAI2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001294336, the custom clone sequence may differ by one or more nucleotides

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 GCCCTGGGGAGCGCCCCAGTTGTCCCAACATCGGCGCCATCAGAGCTGGAGCACCTTAAATCTATGAC  
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 GAACCACCGGATGGTACTTCCAGACAGAGGTG**TGA**

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001294336

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001294336.1</a></u> , <u><a href="#">NP_001281265.1</a></u>
<b>RefSeq Size:</b>	5356 bp
<b>RefSeq ORF:</b>	4656 bp
<b>Locus ID:</b>	576
<b>UniProt ID:</b>	<u><a href="#">O60241</a></u>
<b>Cytogenetics:</b>	1p35.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	This gene encodes a a seven-span transmembrane protein that is thought to be a member of the secretin receptor family. The encoded protein is a brain-specific inhibitor of angiogenesis. The mature peptide may be further cleaved into additional products (PMID:20367554). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014] Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.