

Product datasheet for **RG240181**

BAI2 (ADGRB2) (NM_001294335) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | BAI2 (ADGRB2) (NM_001294335) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | BAI2 |
| Synonyms: | BAI2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG240181 representing NM_001294335. Blue=ORF Red=Cloning site Green=Tag(s) |

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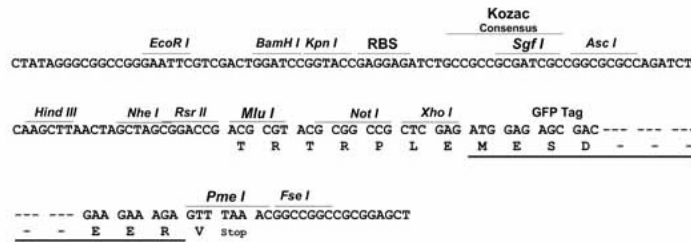
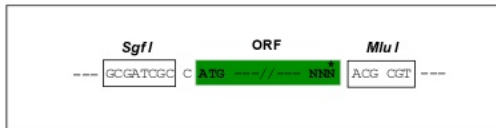
Protein Sequence: >Peptide sequence encoded by RG240181
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

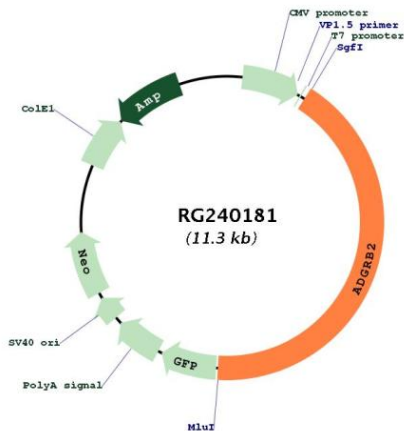
Cloning Scheme:

Cloning sites used for ORF Shutting:



| | |
|--------------------------|--|
| ACCN: | NM_001294335 |
| ORF Size: | 4752 bp |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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). |
| RefSeq: | NM_001294335.2 |
| RefSeq Size: | 5455 bp |
| RefSeq ORF: | 4755 bp |
| Locus ID: | 576 |
| UniProt ID: | O60241 |
| Cytogenetics: | 1p35.2 |
| Protein Families: | Druggable Genome, Transmembrane |
| MW: | 173 kDa |
| Gene Summary: | 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] |

Product images:



Circular map for RG240181