

## Product datasheet for **SC330533**

### ABR (NM\_001256847) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ABR (NM\_001256847) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ABR  
**Synonyms:** MDB  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330533 representing NM\_001256847.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

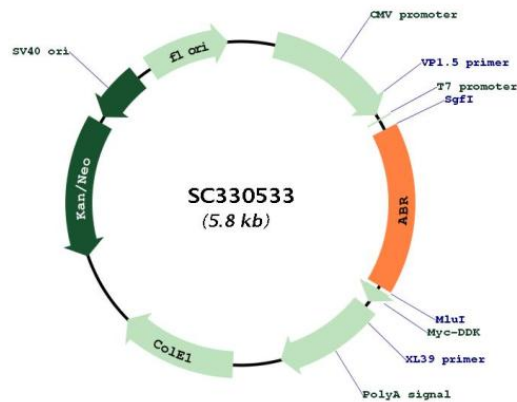
```
ATGACCGACGTCCTGCCCCAGCCCGACTGCAGCCCGAAGGCGGGGCGGAACCCCTGGCGCTGGAGGAG
TCGGGGAGCAAGCGCCCCCAACACCGGCGCCCGGCTCTGGGGCCGCGTGCGAACAAGCTGCTCCGA
AACAAAGCTGGACCCACAAACCGTGGAGACCAAGAAGTGGCACACGGACGTGATTGAGATGAACGGGATC
AAAGTGAATTTCCATGAAATTCACCAGCCGAGATATGAGCCTGAAGAGGACCCCGTCCAAAAAGCAG
ACCGGCGTCTTCGGTGTGAAGATCAGCGTGGTACGAAGCGGGAGCGCTCCAAGGTGCCCTACATCGTC
CGGCAGTGTGTGGAGGAGGTGGAGAAGAGGGGTATCGAGGAGGTTGGCATCTACAGGATATCGGGCGTG
GCCACGGACATCCAGGCGCTCAAGGCCGTCTTCGATGCCAATAACAAGGACATCCTGCTGATGCTGAGT
GACATGGACATCAACGCCATCGCCGGGACGCTCAAGCTGTACTTCCGGGAAGTGCCTCGAGCCGCTCCTC
ACGGACCGACTCTACCCAGCCTTCATGGAGGGCATCGCCCTGTCAGACCCCTGCTGCCAAGGAAAAGTGC
ATGATGCACCTGCTCCGCTCCCTGCCCGACCCCAACCTCATCACCTTCTCTTCTGCTGGAACACTTG
AAAAGGGTTGCCGAGAAGGAGCCCATCAACAAAATGTCACCTTCAACACCTGGCTACCGTGTGGACCC
ACGTTACTGAGACCCTCAGAAGTGGAGAGCAAAGCACACCTCACCTCGGCTGCGGACATCTGGTCCCAT
GACGTCATGGCGCAGGTCCAGGTCTCTCTACTACCTGCAGCACCCCCCATTTCTTCGCAGAAGTCT
AAGCGGAACACACTGTACTTCTCCACCGACGTGTAG
```

**Restriction Sites:** Sgfl-Mlul



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## Plasmid Map:



ACCN: NM\_001256847

Insert Size: 933 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\\_001256847.2](#)

RefSeq Size: 3601 bp

RefSeq ORF: 933 bp

Locus ID: 29

UniProt ID: [Q12979](#)

Cytogenetics: 17p13.3

MW: 35.1 kDa

**Gene Summary:** This gene encodes a protein that is similar to the protein encoded by the breakpoint cluster region gene located on chromosome 22. The protein encoded by this gene contains a GTPase-activating protein domain, a domain found in members of the Rho family of GTP-binding proteins. Functional studies in mice determined that this protein plays a role in vestibular morphogenesis. Alternatively spliced transcript variants have been reported for this gene. [provided by RefSeq, Feb 2012]  
Transcript Variant: This variant (4) differs in the 5' UTR, lacks a large portion of the coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (d) has a distinct N-terminus and is shorter than isoform a.