

Product datasheet for **SC337079**

ABR (NM_001282149) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABR (NM_001282149) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABR
Synonyms:	MDB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

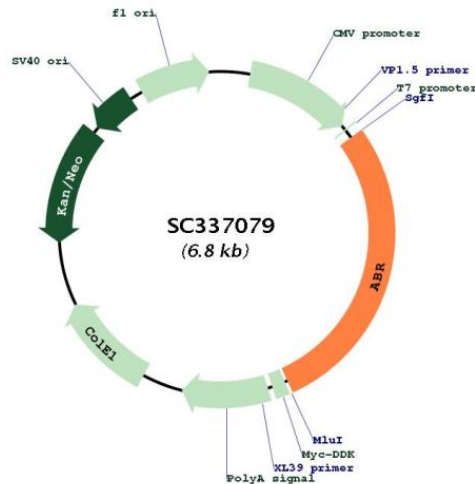


[View online »](#)

Fully Sequenced ORF: >SC337079 representing NM_001282149.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGATTCCTCATTATTTCGTTCTGCTGTAACGACACCTATGCTCTGCTCTACAAGCCATTGAC
CGGGTCACTCGGAGCACCTAGTCTACACGACCTGCTGAAGCACACACCTGTGGACCACCCCGACTAC
CCGCTGCTGCAGGATGCCCTCCGCATCTCCAGAACTTCTGTCCAGCATCAACGAGGACATCGACCCC
CGCCGGACTGCAGTGACAACGCCAAGGGGAGACGCGACAGCTGGTGAAGGACGGCTTCTGTTGGAA
GTGTCAGAGAGCTCCCGAAGCTGCGGCAGTCTTCTCTTTACAGATGCTACTGTGTGCCAAGCTG
AAGAAGACCTCTGCAGGGAAGCACCAGCAGTATGACTGTAAGTGTACATCCCCCGGCCAGCTGGTG
TTTCCATCCCCGAGGAGTCTGAGGCCAGCCCCAGGTGCACCCCTTCCCAGACCATGAGCTGGAGGAC
ATGAAGATGAAGATCTCTGCCCTCAAGAGTGAAATCCAGAAGGAGAAAGCCAACAAGGCCAGAGCCGG
GCCATCGAGCGCCTGAAGAAGAAGATGTTTGAGAAATGAGTTCTGCTGCTGCTCAACTCCCCACAATC
CCGTTCCAGGATCCACAATCGGAATGGAAGAGTTACCTGTTCTACTGCTCCTCGGACTACGAGAGGTCA
GAGTGGAGAGAAGCAATTCAGAACTACAGAAGAGGATCTCCAGGCCTTTGTCCGAGCTCAGTGGAG
CTCCAGGTGCTCACAGGATCCTGTTTCAAGCTTAGGACTGTACACAACATTCCTGTCCAGCAATAAAA
GACGACGATGAGTCTCCAGGACTCTATGGCTTCTTTCATGTATCGTCCACTCTGCCAAGGGATTTAAG
CAATCAGCCAACCTGACTGTACCCTGGAGGTGGATTCTTCCGGTATTTTGTGAGCAAGCCAAAACC
AGGGTGTTCGGGACACAGCGGAGCCCAAGTGGGATGAGGAGTTTGAGATCGAGCTGGAGGGCTCCCAG
TCCCTGAGGATCCTGTGCTATGAGAAGTGTATGACAAGACCAAGGTCAACAAGGACAACAATGAGATC
GTGGACAAGATCATGGGCAAAGGACAGATCCAGCTGGACCCACAACCGTGGAGACCAAGAAGTGGCAC
ACGGACGTGATTGAGATGAACGGGATCAAAGTGGAAATTTCCATGAAATTCACCAGCCGAGATATGAGC
CTGAAGAGGACCCCGTCCAAAAAGCAGACCGCGCTTTCGGTGTGAAGATCAGCGTGGTACGAAGCGG
GAGCGCTCCAAGGTGCCCTACATCGTCCGGCAGTGTGTGGAGGAGTGGAGAAGAGGGGTATCGAGGAG
GTTGGCATCTACAGGATATCGGGCGTGGCCACGGACATCCAGGCGCTCAAGGCCGTCTTCGATGCCAAT
AACAAAGGACATCCTGCTGATGCTGAGTGACATGGACATCAACGCCATCGCCGGGACGCTCAAGCTGTAC
TTCCGGGAACTGCCCAGCCGCTCCTCACGGACCGACTTACCCAGCCTTCATGGAGGGCATCGCCCTG
TCAGACCCTGCTGCCAAGGAAAAGTGCATGATGCACCTGCTCCGCTCCCTGCCGACCCCAACCTCATC
ACCTTCTCTTCTGCTGGAACACTTGAAAAGGGTTGCCGAGAAGGAGCCCATCAACAAAATGTCACCTT
CACAACCTGGCTACCGTGTGGACCCAGTTACTGAGACCCTCAGAAGTGGAGAGCAAAGCACACCTC
ACCTCGGCTGCGGACATCTGGTCCCATGACGTCATGGCGCAGGTCCAGGTCCCTCCTACTACCTGCAG
CACCCCCCATTTCTTCGCAGAAGTCAAGCGGAACACACTGTACTTCTCCACCGACGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001282149

Insert Size: 1926 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_001282149.1](#)

RefSeq Size: 4781 bp

RefSeq ORF: 1926 bp

Locus ID: 29

UniProt ID: [Q12979](#)

Cytogenetics: 17p13.3

MW: 73.5 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 (5) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (e) has a distinct N-terminus and is shorter than isoform a.