

Product datasheet for **SC327224**

ABR (NM_001159746) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABR (NM_001159746) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABR
Synonyms:	MDB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001159746, the custom clone sequence may differ by one or more nucleotides

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ATGCCGTACATCGATGAGTCGCCACCATTGTCCCCGAGCTCAGCGCCCGCAGCCAGGGC
GGGGGGGATGGCGTCTCCCCGACTCCACCTGAGGGACTGGCTCCTGGGGTGAAGCAGGG
AAAGGCCTGGAGATGAGGAAGCTGGTTCTCTCGGGTCTTGCCAGCGAAGAGATCTAC
ATTAACCAGCTGGAAGCCCTGTTGCTGCCATGAAACCCCTGAAGGCCACCGCCACCACC
TCCCAGCCCGTGGCTCACCATCCAGCAGATCGAGACCATTCTACAAGATCCAGGACATC
TATGAGATCCACAAGGAGTTCTATGACAACCTGTGCCCAAGGTGCAACAGTGGGACAGC
CAGGTCACCATGGGCCACCTCTTCCAGAAGCTGGCCAGCCAGCTCGGTGTGTACAAGCG
TTTGTGCGATAACTATAAAGTCGCTCTGGAGACAGCTGAGAAGTGCAGCCAGTCCAACAAC
CAGTTCAGAGAAGATCTCAGAGGAAGCTCAAAGTCAAAGGTCCCAAGGACTCCAAGGACAGC
CACACGCTGTACACATGGAAGCTCTGCTCTACAAGCCATTGACCGGGTCACTCGGAGC
ACCCTAGTCTACACGACCTGCTGAAGCACACACCTGTGGACCACCCGACTACCCGCTG
CTGCAGGATGCCCTCCGATCTCCAGAAGTCTCTGTCCAGCATCAACGAGGACATCGAC
CCCCGCCGGACTGCAGTGACAACGCCCAAGGGGGAGACGCGACAGCTGGTGAAGGACGGC
TTCTGTGGTGAAGTGTGACAGAGCTCCCGAAGCTGCGGCACGTCTTCTCTTTACAGAT
GTCCTACTGTGTGCCAAGCTGAAGAAGACCTCTGCAGGGAAGCACCAGCAGTATGACTGT
AAGTGGTACATCCCCCTGGCCGACTGGTGTTCATCCCCGAGGAGTCTGAGGCCAGC
CCCCAGGTGCACCCCTTCCAGACCATGAGCTGGAGGACATGAAGATGAAGATCTCTGCC
CTCAAGAGTGAATCCAGAAGGAAAGCCAACAAGGCCAGAGCCGGGCCATCGAGCGC
CTGAAGAAGAAGATGTTTGAGATGAGTTCCTGCTGCTGCTCAACTCCCCACAATCCCG
TTCAGGATCCACAATCGGAATGGAAGAGTTACCTGTTCTACTGTCTCGGACTACGAG
AGGTCAGAGTGGAGAGAAGCAATTCAGAAACTACAGAAGAAGGATCTCCAGGCCTTTGTC
CTGAGCTCAGTGGAGCTCCAGGTGCTCACAGGATCCTGTTTCAAGCTTAGGACTGTACAC
AACATTCTGTGACACAGCAATAAAGACGACGATGAGTCTCCAGGACTCTATGGCTTCCTT
CATGTGTCATCGTCCACTCTGCCAAGGGATTTAAGCAATCAGCCAACCTGTACTGTACCCTG
GAGGTGGATTCTTCGGCTATTTTGTGACAGCAAAGCCAAAACCAGGGTGTTCGGGACACA
GCGGAGCCCAAGTGGGATGAGGAGTTTGAGATCGAGCTGGAGGGCTCCAGTCCCTGAGG
ATCCTGTGCTATGAGAAGTGCTATGACAAGACCAAGGTCAACAAGGACAACAATGAGATC
GTGGACAAGATCATGGGCAAAGGACAGATCCAGCTGGACCCACAACCGTGGAGACCAAG
AACTGGCACACGGACGTGATTGAGATGAACGGGATCAAAGTGGAAATTTCCATGAAATTC
ACCAGCCGAGATATGAGCCTGAAGAGGACCCCGTCCAAAAGCAGACCGGCGTCTTCGGT
GTGAAGATCAGCGTGGTACGAAGCGGGAGCGCTCCAAGGTGCCCTACATCGTCCGGCAG
TGTGTGGAGGAGGTGGAGAAGAGGGGTATCGAGGAGGTTGGCATCTACAGGATATCGGGC
GTGGCCACGGACATCCAGGCGCTCAAGGCCGTCTTCGATGCCAATAACAAGGACATCCTG
CTGATGCTGAGTGACATGGACATCAACGCCATCGCCGGGACGCTCAAGCTGTACTTCCGG
GAACTGCCCGAGCCGCTCCTCACGGACCGACTCTACCCAGCCTTCATGGAGGGCATCGCC
CTGTCAGACCCCTGCTGCCAAGGAAAAGTGCATGATGCACCTGCTCCGCTCCCTGCCCGAC
CCCAACCTCATCACCTTCTCTCTGCTGGAACACTTGAAAAGGGTTGCCGAGAAGGAG
CCCATCAACAAAATGTCACTTCAACACCTGGCTACCGTGTGGACCCACGTTACTGAGA
CCCTCAGAAGTGGAGAGCAAAGCACACCTCACCTCGGCTGCGGACATCTGGTCCCATGAC
GTCATGGCGCAGGTCCAGGTCTCTACTACCTGCAGCACCCCCCATTTCTTCGCA
GAACTCAAGCGGAACACACTGTACTTCTCCACCGACGTG

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Restriction Sites: Please inquire
ACCN: NM_001159746
Insert Size: 5610 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001159746.1</u> , <u>NP_001153218.1</u>
RefSeq Size:	5610 bp
RefSeq ORF:	5610 bp
Locus ID:	29
UniProt ID:	<u>Q12979</u>
Cytogenetics:	17p13.3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (c) is shorter than isoform a. Variants 3 and 6 encode the same isoform (c).</p>