

Product datasheet for **SC302971**

ABR (NM_001092) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABR (NM_001092) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABR
Synonyms:	MDB
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001092, the custom clone sequence may differ by one or more nucleotides

```

ATGGAGGAGGAAGAGGAGGCGATAGGCTTGCTGGACAAGGTTCTGGAGGACGAAGATGTG
TTTCTCCTGGAGGAGTGCGAGCTGGGAACCCCGACCAGCCCGGCTCAGGGTCCCCCTTC
CTGGTGGCTGTGAAGGTGGAAGCAGGGAAGGCCTGGAGATGAGGAAGCTGGTTCTCTCG
GGGTTCTTGGCCAGCGAAGAGATCTACATTAACCAGCTGGAAGCCCTGTTGCTGCCCATG
AAACCCCTGAAGGCCACCGCCACCACCTCCAGCCCGTGTCCACATCCAGCAGATCGAG
ACCATCTTCTACAAGATCCAGGACATCTATGAGATCCACAAGGAGTTCTATGACAACCTG
TGCCCAAGGTGCAACAGTGGGACAGCCAGGTCACCATGGGCCACCTCTTCCAGAAGCTG
GCCAGCCAGCTCGGTGTGTACAAAGCGTTTGTGATAACTATAAAGTCGCTCTGGAGACA
GCTGAGAAGTGCAGCCAGTCCAACAACCAGTTCAGAAGATCTCAGAGGAACTCAAAGTG
AAAGGTCCAAGGACTCCAAGGACAGCCACACGCTGTCCACATGGAAGCTCTGCTCTAC
AAGCCATTGACCGGTCCTCGGAGCACCTAGTCTACACGACCTGCTGAAGCACACA
CCTGTGGACCACCCGACTACCCGCTGCTGCAGGATGCCCTCCGCATCTCCAGAACTTC
CTGTCCAGCATCAACGAGGACATCGACCCCGCCGGACTGCAGTGACAACGCCAAAGGGG
GAGACCGGACAGCTGGTGAAGGACGGCTTCTGTGGAAGTGTGACAGAGCTCCCGGAAG
CTGCGGCACGTCTTCTTTACAGATGTCTACTGTGTGCCAAGCTGAAGAAGACCTCT
GCAGGGAAGCACCAGCAGTATGACTGTAAGTGGTACATCCCCCTGGCCGACCTGGTGTTT
CCATCCCCGAGGAGTCTGAGGCCAGCCCCAGGTGCACCCCTTCCAGACCATGAGCTG
GAGGACATGAAGATGAAGATCTCTGCCCTCAAGAGTGAATCCAGAAGGAAAGCCAAC
AAAGGCCAGAGCCGGGCCATCGAGCGCTGAAGAAGAAGATGTTTGAGAAAGATTCTCTG
CTGCTGCTCAACTCCCCACAATCCCGTTCAGGATCCACAATCGGAATGGAAGAGATTAC
CTGTTCTACTGTCTCGGACTACGAGAGGTGAGAGTGGAGAGAAGCAATTCAGAAATA
CAGAAGAAGGATCTCAGGCCTTTGTCTGAGCTCAGTGGAGCTCCAGGTGCTCACAGGA
TCTGTTTCAAGCTTAGGACTGTACACAACATTCTGTACCAGCAATAAAGACGACGAT
GAGTCTCCAGGACTCTATGGCTTCTTCAATGTCATCGTCCACTCTGCCAAGGATTTAAG
CAATCAGCCAACCTGACTGTACCCTGGAGGTGGATTCTTTCGGCTATTTTGTGACGAAA
GCCAAAACAGGGTGTTCGGGACACAGCGGAGCCCAAGTGGGATGAGGAGTTTGAGATC
GAGCTGGAGGGTCCCAGTCCCTGAGGATCCTGTGCTATGAGAAGTGTATGACAAGACC
AAGGTCAACAAGGACAACAATGAGATCGTGGACAAGATCATGGGCAAAGGACAGATCCAG
CTGGACCACAACCGTGGAGACCAAGAACTGGCACACGGACGTGATTGAGATGAACGGG
ATCAAAGTGAATTTTCCATGAAATTACCAGCCGAGATATGAGCCTGAAGAGGACCCCG
TCCAAAAGCAGACCCGGCTTTCGGTGTGAAGATCAGCGTGGTGACGAAGCGGGAGCGC
TCCAAGGTGCCCTACATCGTCCGGCAGTGTGTGGAGGAGTGGAGAAGAGGGGTATCGAG
GAGGTTGGCATCTACAGGATATCGGGCGTGGCCACGGACATCCAGGCGCTCAAGGCCGTC
TTCGATGCCAATAACAAGGACATCCTGTGATGCTGAGTGACATGGACATCAACGCCATC
GCCGGGACGCTCAAGCTGTACTTCCGGAACTGCCCGAGCCGCTCCTCACGGACCGACTC
TACCCAGCCTTTCATGGAGGGCATCGCCCTGTGACACCTGCTGCCAAGGAAAACATGCATG
ATGCACCTGCTCCGCTCCCTGCCGACCCCAACCTCATCACCTTCTCTTCTGCTGGAA
CACTTGAAAAGGTTGCCGAGAAGGAGCCATCAACAAAATGCACTTCAACAACCTGGCT
ACCGTGTTTGGACCCACGTTACTGAGACCTCAGAAGTGGAGAGCAAAGCACACCTCACC
TCGGCTGCGGACATCTGGTCCCATGACGTATGGCGCAGGTCCAGGTCTCTCTACTAC
CTGCAGCACCCCCCATTTCTTTCGAGAACTCAAGCGGAACACACTGTACTTCTCCACC
GACGTGTAG
    
```

Restriction Sites: Please inquire
ACCN: NM_001092

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_001092.3</u> , <u>NP_001083.2</u>
RefSeq Size:	5095 bp
RefSeq ORF:	2469 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 (2) 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 (b) has a distinct N-terminus and is shorter than isoform a.</p>