

Product datasheet for **RG211930**

ABR (NM_001092) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABR (NM_001092) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABR
Synonyms:	MDB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG211930 representing NM_001092
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGGAAGAGGAGGCGATAGGCTTGTGGACAAGTTCTGGAGGACGAAGATGTGTTTCTCCTGG
 AGGAGTGCAGACTGGGAACCCCGACCAGCCCGGCTCAGGGTCCCCTTCTGGTGGCTGTGAAGGTGGA
 AGCAGGGAAAGGCTGGAGATGAGGAAGCTGGTTCTCTCGGGTCTTGGCCAGCGAAGAGATCTACATT
 AACCGACTGGAAGCCCTGTTGCTGCCATGAAACCCCTGAAGGCCACCGCCACCCTCCAGCCCGTGC
 TCACCATCCAGCAGATCGAGACCATCTTCTACAAGATCCAGGACATCTATGAGATCCACAAGGAGTTCTA
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 GGACAGCCACACGTCTGTACCATGGAAGCTCTGCTCTACAAGCCATTGACCGGTCACTCGGAGCACC
 CTAGTCTACACGACTGCTGAAGCACACACTGTGGACCACCCGACTACCCGCTGCTGCAGGATGCC
 TCCGCATCTCCAGAACTTCTGTCCAGCATCAACGAGGACATCGACCCCGCCGGACTGCAGTGACAAC
 GCCCAAGGGGAGACGCGACAGCTGGTGAAGGACGGCTTCTGGTGAAGTGTGAGAGAGCTCCCGAAG
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 GAAGGAGCCCATCAACAAAATGTCACCTCACAACCTGGCTACCGTGTGGACCCAGTTACTGAGACCC
 TCAGAAGTGGAGAGCAAAGCACACCTCACCTCGGCTGCGGACATCTGGTCCCATGACGTCATGGCGCAGG
 TCCAGGTCTCTACTACTGACGACCCCCCATTTCTTCGAGAAGTCAAGCGGAACACACTGTA
 CTTCTCCACCGACGTG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG211930 representing NM_001092
 Red=Cloning site Green=Tags(s)

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MEEEEAIGLLDKVLLEDEDVFLLEECELGTPTSPGSGSPFLVAVKVEAGKLEMRKLVLSGFLASEEIIYI
NQLEALLLPMKPLKATATTSQPVLTIQQIETIFYKIQDIYIEIHKEFYDNLCPKVQWDSQVTMGHLFQKL
ASQLGVYKAFVDNYKVALETAEKCSQSNNQFQKISEELKVKGPKDSKDSHTSVTMEALLYKPIDRVTRST
LVLHDLKHTPVDHPDYPLLQDALRISQNFLLSSINEDIDPRRTAVTTPKGETRQLVKDGFLVEVSESSRK
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KSEIQKEKANKGQSRAIERLKKKMFENEFLLLLNSPTIPFRIHNRNGKSYLFLSSDYERSEWREAIQKL
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SEVESKAHLTSAADIWSDVMAQVQVLLYYLQHPPISFAELKRNTLYFSTDV
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_001092.5](#)

RefSeq Size: 5069 bp

RefSeq ORF: 2469 bp

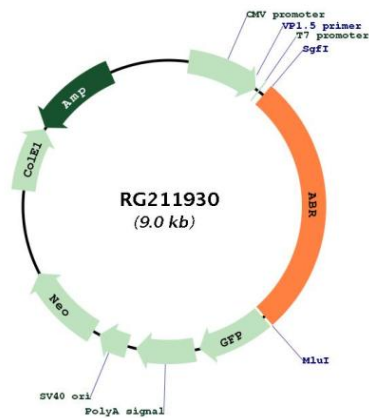
Locus ID: 29

UniProt ID: [Q12979](#)

Cytogenetics: 17p13.3

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]

Product images:



Circular map for RG211930