

Product datasheet for RC211980L1

ABR (NM_021962) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ABR (NM_021962) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ABR
Synonyms: MDB

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211980).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_021962

ORF Size: 2577 bp



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ABR (NM_021962) Human Tagged Lenti ORF Clone - RC211980L1

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 021962.2</u>

RefSeq Size: 5300 bp **RefSeq ORF:** 2580 bp

Locus ID: 29

UniProt ID: Q12979
Cytogenetics: 17p13.3

Domains: C2, RhoGAP, RhoGEF, PH

MW: 97.4 kDa

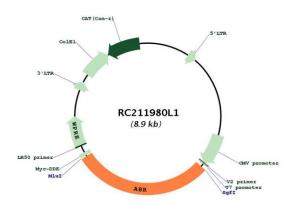
Gene Summary: This gene encodes a protein that is similar to the protein encoded by the breakpoint cluster

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

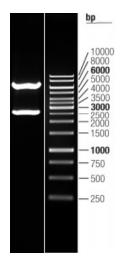
this gene. [provided by RefSeq, Feb 2012]



Product images:



Circular map for RC211980L1



Double digestion of RC211980L1 using Sgfl and Mul