

Recombinant Full Length Human ABR Protein, GST-tagged

Cat. No. ABR-835HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABR full-length ORF (NP_068781.2, 1 a.a. - 859 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	859 amino acids
Description	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]
Molecular Mass	124 kDa
AA Sequence	MEPLSHRGLP RLSWIDTLYS NFSYGTDEYD GEGNEEQKGP PEGSETMPYI DESPTMSPQL SARSQGGGDG VSPTPPEGLA PGVEAGKGLE MRKLVLSGFL ASEEIYINQL EALLLPKPL KATATTSQPV LTIQQIETIF YKIQDIYEIH KEYFDNLCPK VQQWDSQVTM GHLLFQKLASQ LGVYKAFVDN YKVALETAEK CSQSNNQFQK ISEELKVKGK KDSKDSHTSV TMEALLYKPI DRVTRSTLVL HDLLKHTPVD HPDYPLLQDA LRISQNFLSS INEDIDPRRT AVTTPKGETR QLVKDGFLE VSESSRKLRH VFLFTDVLLC AKLKKTSAGK HQQYDCKWYI

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PLADLVFPSP EESEASPQVH PFPDHELEDM KMKISALKSE IQKEKANKGQ
 SRAIERLKKK MFENEFLLLL NSPTIPFRIH NRNGKSYLFL LSSDYERSEW
 REAIQKLQKK DLQAFVLSSV ELQVLTGSCF KLRTVHNIPV TSNKDDDESP
 GLYGFLHVIV HSAKGFKQSA NLYCTLEVDS FG YFVSKAKT RVFRDTAEPK
 WDEEFEIELE GSQSLRILCY EKCYDKTKVN KDNNEIVDKI MGKGQIQLDP
 QTVETKNWHT DVIEMNGIKV EFSMKFTSRD MSLKRTPSKK QTGVFGVKIS
 VVTKRERSKV PYIVRQCVVE VEKRGIEEVG IYRISGVATD IQALKAVFDA
 NNKDILLMLS DMDINAIAGT LKLYFRELPE PLLTDRLYP A FMEGIALSDP
 AAKENCMMHL LRSLPDPNLI TFLFLEHLK RVAEKEPINK MSLHNLATVF
 GPTLLRPSEV ESKAHLTSAA DIWSDVMAQ VQVLLYYLQH PPISFAELKR
 NTLYFSTDV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ABR active BCR-related [Homo sapiens]

Official Symbol

ABR

Synonyms

ABR; active BCR-related; active BCR related gene; active breakpoint cluster region-related protein; MDB; FLJ45954

Gene ID

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mRNA Refseq	NM_001092
Protein Refseq	NP_001083
MIM	600365
UniProt ID	Q12979

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