

Recombinant Human ABR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ABR-5357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ABR MS Standard C13 and N15-labeled recombinant protein (NP_068781) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	97.4 kDa
AA Sequence	MEPLSHRGLPRLSWIDTLYSNFSYGTDEYDGEGNEEQKGPPEGSETMPYIDESPTM SPQLSARSQGGGDGVSPPTPEGLAPGVEAGKGLEMRKLVLSGFLASEEIYINQLEAL LLPMKPLKATATTSQPVLTIQQIETIFYKIQDIYEIHKEFYDNLCPKVQQWDSQVTMGH LFQKLASQLGVYKAFVDNYKVALETAEKCSQSNNQFQKISEELKVKGPKDSKDSHTS VTMEALLYKPIDRVTRSTLVLDLLKHTPVDPDYPQLQDALRISQNFLSSINEDIDPR RTAVTTPKGETRQLVKDGFLEVESSSRKLRHVFLFTDVLLCAKLLKTSAGKHQQYD CKWYIPLADLVFSPSESEASPQVHPFPDHELEDMMKMISALKSEIQKEKANKGQSR

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AIERLKKKMFENEFLLLNSPTIPFRIHNRNGKSYLFLLSSDYERSEWREAIQKLQKKD
 LQAFVLSSVELQVLTGSCFKLRTVHNIPVTSNKDDDESPGLYGFLHVIVHSAKGFKQ
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 LKRTPSKKQTGVFGVKISVVTKRERSKVPYIVRQCVEEVEKRGIEEVGIYRISGVATDI
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 AAKENCMMHLLRSLPDPNLITFLFLEHLKRVAEKEPINKMSLHNLATVFGPTLLRPS
 EVESKAHLTSAADIWSDVMAQVQVLLYYLQHPPISFAELKRNTLYFSTDVTRTRPL
 EQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ABR active BCR-related [Homo sapiens (human)]
Official Symbol	ABR
Synonyms	ABR; active BCR-related; active BCR related gene; active breakpoint cluster region-related protein; MDB; FLJ45954;
Gene ID	29

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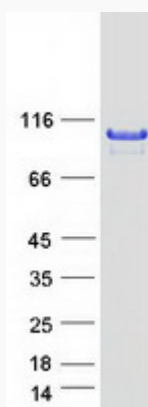
mRNA Refseq NM_021962

Protein Refseq NP_068781

MIM 600365

UniProt ID Q12979

SDS-PAGE



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