

Recombinant Human v protein, His-tagged

Cat. No. BAD-168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BAD, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	transcript variant 2
Description	The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein. Alternative splicing of this gene results in two transcript variants which encode the same isoform.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	18.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3

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months from receipt of products under proper storage and handling conditions.

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name BAD BCL2-associated agonist of cell death [Homo sapiens]

Official Symbol BAD

Synonyms BAD; BCL2-associated agonist of cell death; bcl2 antagonist of cell death; BBC2; BCL2L8; bcl2-L-8; BCL2-binding protein; bcl-2-like protein 8; BCL2-binding component 6; bcl-2-binding component 6; BCL-X/BCL-2 binding protein; BCL2-antagonist of cell death protein; bcl-XL/Bcl-2-associated death promoter;

Gene ID 572

mRNA Refseq NM_032989

Protein Refseq NP_116784

MIM 603167

UniProt ID Q92934

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