Recombinant Human BCL2-associated Agonist Of Cell Death

Cat. No. BAD-82H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Bcl2 antagonist of cell death (BAD) full length protein expressed in*E.coli.*
Species	Human
Source	E.coli
Description	The Bcl-2 family of protein is characterized by its ability to modulate cell death under a broad range of physiologic conditions. Bcl-2 and several related proteins function to inhibit apoptosis while other members of the Bcl-2 family, such as Bax and Bak, enhance cell death under various conditions. Bad exhibits homology to Bcl-2 limited to the BH1, but not with Bax, Bcl-xS, Mcl-1, A1 or itself. In mammalian cells, Bad binds with greater affinity to Bcl-xL than to Bcl-2 and reverses the death repressor activity of Bcl-xL but not Bcl-2.
Physical Appearance	Sterile Filtered clear solution.
Formulation	BAD protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.
Applications	• ELISA • Inhibition Assays • Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 51kDa.
Storage	Store vial at -20°Cto -80°C. When stored at the recommended temperature, this

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	protein is stable for 12 months. Please prevent freeze-thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	BAD BCL2-associated agonist of cell death [Homo sapiens]
Synonyms	BAD; BCL2-associated agonist of cell death; BBC2; BCL2L8;Bcl-2-binding component 6; Bcl-2-like protein 8; Bcl2-L-8; Bcl-XL/Bcl-2- associated death promoter
Gene ID	572
mRNA Refseq	NM_004322
Protein Refseq	NP_004313
UniProt ID	Q92934
Chromosome Location	11q13.1
MIM	603167
Pathway	cute myeloid leukemia; Alzheimer"s disease; Amyotrophic lateral sclerosis (ALS); Apoptosis; Chronic myeloid leukemia; Endometrial cancer; ErbB signaling pathway; Focal adhesion; Insulin signaling pathway; Melanoma; Neurotrophin signaling pathway; Non-small cell lung cancer; Pancreatic cancer; Pancreatic cancer; thways in cancer; VEGF signaling pathway; Apoptosis
Function	otein binding; protein kinase binding

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