

Recombinant Full Length Human BAD Protein, C-Flag-tagged

Cat. No. BAD-752HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BAD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 (B-cell lymphoma-extra large) 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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.2 kDa
AA Sequence	MFQIPEFEPSEQEDSSSAERGLGPSPAGDGPSGSGKHHRQAPGLLWDASHQQEQ PTSSSHHGGAGAVEIR SRHSSYPAGTEDDEGMGEESPFRGRSRSAPPNLWAAQ RYGRELRRMSDEFVDSFKKGLPRPKSAGTATQ MRQSSSWTRVFQSWWDRNLGRGSSAPSQTRTRPLEQKLISEEDLAANDILDYKDD DDKV

 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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Acute myeloid leukemia, Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, ErbB signaling pathway, Focal adhesion, Insulin signaling pathway, Melanoma, Neurotrophin signaling pathway, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, VEGF signaling pathway
Full Length	Full L.

GENE INFORMATION

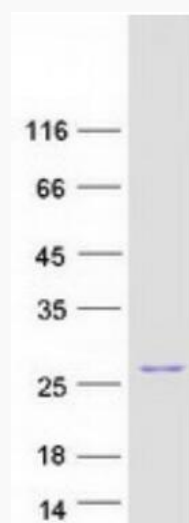
Gene Name	BAD BCL2 associated agonist of cell death [Homo sapiens (human)]
Official Symbol	BAD
Synonyms	BBC2; BCL2L8
Gene ID	572

 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

mRNA Refseq	NM_004322.3
Protein Refseq	NP_004313.1
MIM	603167
UniProt ID	Q92934



Coomassie blue staining of purified BAD protein.