

B-Cell Leukemia/Lymphoma 2 -BH3 Recombinant Protein | Bcl-2 -BH3 recombinant protein

Recombinant Human B-Cell Leukemia/Lymphoma 2 -BH3

CATALOG # AAA38622	HOST E Coli	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

B-Cell Leukemia/Lymphoma 2 -BH3; Recombinant Human B-Cell Leukemia/Lymphoma 2 -BH3; Bcl 2 Human (minus BH3 domain); B-Cell Leukemia/Lymphoma 2 Human Recombinant (BH3); Apoptosis regulator Bcl-2; BCL2; B-cell CLL/lymphoma 2; Bcl-2; Bcl-2 -BH3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein contains 10mM Tris-HCL pH-8, 1mM EDTA and 250mM NaCl. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence Length	239
Applicable Applications for Bcl-2 -BH3 recombinant protein	WB (Western Blot)
Solubility	Suspend Bcl-2 in 100ul of 0.5M Acetic acid, over night at 4 degree C. Dilute 10 fold into selected buffer system.BCL-2 has tendency to form intramolecular disulfide bond, 5mM DTT is recommended in assay buffer. When running SDS-PAGE gel, 10mM DTT is recommended.
Preparation and Storage	Lyophilized Bcl-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Bcl-2 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Bcl-2 -BH3 recombinant protein	Description: Bcl-2 Des BH3 domain (93-107 residues) Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 203 amino acids 1-92 and 108-218.The Bcl-2 is expressed as His-Tag fusion protein and purified by proprietary chromatographic techniques. Introduction: BCL2 gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends.
Product Categories/Family for Bcl-2 -BH3 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; B Cell Lymphoma

NCBI AND UNIPROT INFORMATION

NCBI GI #	72198189
NCBI GeneID	596
NCBI Accession #	NP_000624.2
NCBI GenBank Nucleotide #	NM_000633.2
UniProt Accession #	P10415 ; P10416 ; Q13842 ; Q16197 ; C9JHD5

Molecular Weight	22,337 Da
NCBI Official Full Name	apoptosis regulator Bcl-2 alpha isoform
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 2
NCBI Official Symbol	BCL2
NCBI Official Synonym Symbols	Bcl-2; PPP1R50
NCBI Protein Information	apoptosis regulator Bcl-2; protein phosphatase 1, regulatory subunit 50
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	BCL2
UniProt Entry Name	BCL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bcl2-recombinant-protein-e-coli-wb-western-blot/38622>