

Datasheet for ABIN620234

Bcl-2 Protein (AA 1-210) (His tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	Bcl-2 (BCL2)
Protein Characteristics:	AA 1-210
Origin:	Human
Host:	Please inquire
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bcl-2 protein is labelled with His tag.

Product Details

Characteristics:	Recombinant Human B-Cell Leukemia/Lymphoma 2, His6-tagged
Purity:	> 95.0 % as determined by SDS-PAGE.

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	B-Cell Leukemia/Lymphoma 2 (BCL2 Products)
Background:	<p>Bcl-XL Human Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain containing AA 1-210. The Bcl-XL is expressed as His-Tag fusion protein and purified by proprietary chromatographic techniques. Introduction: Bcl-XL is a transmembrane protein located in the mitochondrial membranes of cells that are long-lived and postmitotic, such as adult brain cells. It plays a role in the signal transduction pathway of the FAS-Ligand. Bcl-XL is an anti-apoptotic protein which is a member of the Bcl-2 family which are able to form</p>

Target Details

heterodimers, and this is an significant event in the regulation of apoptosis. BCL-XL is involved in the survival of cancer cells. Bcl-xL is the leading monitor of apoptosis/active cell suicide. Bcl-xL has cell death repressor activity and therefore acts as a survival protein. Synonyms: BclXL, Bcl-X(L), Bcl-XL.

Pathways:

[MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: The protein contains 10mM Tris-HCL pH-8, 1mM EDTA and 250mM NaCl. Suspend BclXL in 100ul of 0.5M Acetic acid, over night at 4°C. Dilute 10 fold into selected buffer system. Bcl-XL has tendency to form intramolecular disulfide bond, 5mM DTT is recommended in assay buffer. When running SDS-PAGE gel, 10mM DTT is recommended.

Storage: -20 °C