

Human Bcl 2 (1-206 a.a.) Recombinant Protein



RPPB2863

Product Information Protein Information

Product SKU:

RPPB2863

Accession:

P10415

Host:

Escherichia Coli.

Protein description:

Bcl-2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 1-206. The wild type Bcl-2 is missing 12 amino acids from C-terminus. C-terminus is fused to His-Tag. C-terminus his-tag, mimics the deleted C-terminus membrane domain thus maintaining its biological activity. Bcl-2 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Apoptosis regulator Bcl-2, BCL2, B-cell CLL/Lymphoma 2, Bcl-2.

Formulation:

The protein contains 10mM Tris-HCl pH-8, 1mM EDTA and 250mM NaCl.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

Suspend Bcl-2 in 100ul of 0.5M Acetic acid, over night at 4°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.

Stability:

Lyophilized Bcl-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Bcl-2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.