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32-17634: Recombinant Human BCL2L1 Protein, hFc Tag

Uniprot ID : Q07817
Alternative Name : Bcl-X, BCL-XL/S, BCL2L, BCLX, PPP1R52

Description

Molecular Characterization: BCL2L1(Met1-Arg212) hFc(Glu99-Ala330)
Molecular weight: The protein has a predicted molecular mass of 49.9 kDa after removal of the signal peptide.The apparent molecular mass of BCL2L1-hFc is approximately 55-70 kDa due to glycosylation.
Description: Recombinant human BCL2L1 protein with C-terminal human Fc tag
The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.