

## BCL2L10 Human

**Description:** BCL2L10 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 195 amino acids (1-172 a.a.) and having a molecular mass of 21.8kDa. BCL2L10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-1328

For research use only.

**Synonyms:** Bcl-2-like protein 10, Bcl2-L-10, Anti-apoptotic protein NrH, Apoptosis regulator Bcl-B, BCL2L10, BCLB, Boo, Diva, BCL-B.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMVDQLRE RTTMADPLRE  
RTELLADYL GYCAREPGTP EPAPSTPEAA VLRSAAARLR QIHRFFSAY LGYPGNRFEL  
VALMADSVLS DSPGPTWGRV VTLVTFAGTL LERGPLYTAR WKKWGFQPR LKEQEGDVARD  
CQRLVALLSS RLMGQHRAWL QAQGGWDGFC HFFRT.

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

BCL2L10 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

BCL2 Like 10 (BCL2L10) is a member of the BCL-2 protein family. BCL2 family members form hetero or homodimers and serve as anti or pro-apoptotic regulators which are involved in a wide variety of cellular activities. BCL2L10 includes the conserved BH4, BH1 and BH2 domains. BCL2L10 interacts with other members of BCL2 protein family including BCL2, BCL2L1/BCL-X(L), and BAX. BCL2L10 overexpression suppresses cell apoptosis possibly through the prevention of cytochrome C release from the mitochondria, and consequently activating caspase-3 activation.

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