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# Recombinant human BCL2L10 protein

Catalog Number: ATGP1857

### PRODUCT INFORMATION

# **Expression system**

E.coli

#### **Domain**

1-172aa

#### **UniProt No.**

**09HD36** 

#### **NCBI Accession No.**

NP 065129

#### **Alternative Names**

Bcl-2-like protein 10, BCL-B, Boo, Diva

# **PRODUCT SPECIFICATION**

# **Molecular Weight**

21.8 kDa (195aa) confirmed by MALDI-TOF

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,20% glycerol, 1mM DTT

#### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

# **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

### **BACKGROUND**

### **Description**

BCL2L10 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. BCL2L10 contains conserved BH4, BH1 and BH2 domains. This protein can interact with other members of BCL-2 protein family including BCL2, BCL2L1/BCL-X (L), and BAX. Overexpression of this protein has been shown to suppress cell apoptosis possibly through the prevention of cytochrome C release from the mitochondria, and thus activating caspase-3 activation. Recombinant human BCL2L10 protein, fused to His-tag at N-terminus, was expressed in E.



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coli and purified by using conventional chromatography techniques.

# **Amino acid Sequence**

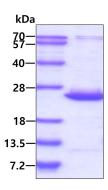
<MGSSHHHHHH SSGLVPRGSH MGS>MVDQLRE RTTMADPLRE RTELLLADYL GYCAREPGTP EPAPSTPEAA
VLRSAAARLR QIHRSFFSAY LGYPGNRFEL VALMADSVLS DSPGPTWGRV VTLVTFAGTL LERGPLVTAR WKKWGFQPRL
KEQEGDVARD CQRLVALLSS RLMGQHRAWL QAQGGWDGFC HFFRT

#### **General References**

Kang Y, Lee DC, et al. (2007). Biochem Biophys Res Commun. 359(1):76-82. Guillemin Y, Lalle P, et al. (2009). J Mol Med (Berl). 87(9):923-40.

### **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

