

Recombinant human BCL2L10 protein

Catalog Number: ATGP1857

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-172aa

UniProt No.

Q9HD36

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

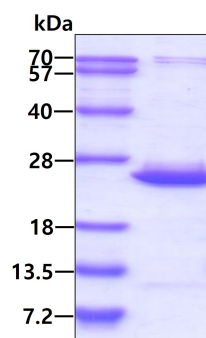
<MGSSHHHHHH SSGLVPRGSH MGS>MVDQLRE RTTMADPLRE RTELLADYL GYCAREPGTP EPAPSTPEAA
VLRSAARLR QIHRSFFSAY LGYPGNRFEL VALMADSVLS DSPGPTWGRV VTLVTFAGTL LERGPLVTAR WKKWGFQPRL
KEQEGDVARD CQRLVALLSS RLMGQHRAWL QAQGGWDGFC HFFRT

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.