

Recombinant human Bcl-w protein

Catalog Number: ATGP0454

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-172aa

UniProt No.

Q92843

NCBI Accession No.

NP_004041

Alternative Names

BCL2-like protein 2, Apoptosis regulator Bcl-W, BCLW, BCL2-like protein 2 Apoptosis regulator BCL W, BCL 2 Like 2, Bcl 2 like 2 protein, Bcl 2L2, bcl w, Bcl2 L2, BCL2 like 2, BCL2 like 2 protein, KIAA0271.

PRODUCT SPECIFICATION

Molecular Weight

20.9 kDa (192aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 100mM NaCl, 10% glycerol

Purity

> 95% 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

BCL2-like protein 2, also known as BCL2L2, is a member of the Bcl-2 family of proteins that regulates outer mitochondrial membrane permeability. BCL2L2 is an anti apoptotic member that prevents release of cytochrome c from the mitochondria intermembrane space into the cytosol. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. It is required for normal sperm maturation. Recombinant human BCL2L2, fused to His-tag at N-terminus, was expressed in E. coli and purified by using

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conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MATPASAPDT RALVADFVGY KLRQKGYVCG AGPGEGPAAD PLHQAMRAAG
DEFETRFRRF FSDLAAQLHV TPGSAQQRFT QVSDELFQGG PNWGRLVAFF VFGAALCAES VNKEMEPLVG QVQEWMVAYL
ETRLADWIHS SGGWAEFTAL YGDGALEEAR RLREGNWASV RT

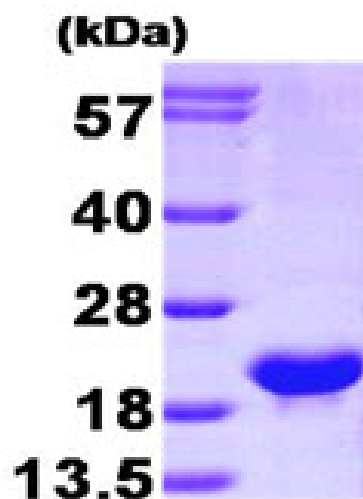
General References

Zhu X., et al. (2004) J Neurochem. 89(5):1233-40.

Kromer G., et al. (1997) Nature Med. 3:614.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)