
Product Data Sheet

Product Name: BCL2L2 Human, His
 Cat. No.: GP22861
 Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | B-Cell Lymphoma Protein 2; BCL2 Like 2; BCL2 Like protein 2; BCLW; Bcl2-L-2; Apoptosis regulator Bcl-W; BCL2L2; BCL-W; KIAA0271. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MATPASAPDT RALVADFGY KLRQKGYVCG AGPGEGPAAD PLHQAMRAAG DEFETRFRT FSDLAAQLHV TPGSAQQRFT QVSDQLFQGG PNWGRLVAFF VFGAALCAES VNKEMEPLVG QVQEWMVAYL ETRLADWIHS SGGWAEFTAL YGDGALEEAR RLREGNWASV RT. | | |
| Formulation | The BCL2L2 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl and 10% glycerol. | | |

Introduction

BCL2L2 promotes cell survival and blocks dexamethasone-induced apoptosis. BCL2L2 mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX. BCL2L2 is part of the BCL-2 protein family which form hetero- or homodimers and play an important role as anti and proapoptotic regulators. BCL2L2 causes reduced cell apoptosis under cytotoxic conditions. BCL2L2 is involved in the survival of NGF- and BDNF-dependent neurons. BCL2L2 plays an important role in adult spermatogenesis.

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.

Background

BCL2L2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (1-172 a.a.) and having a molecular weight of

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20.9kDa. The BCL2L2 is fused to a 20 a.a His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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