
Product Data Sheet

Product Name: BCL2L10 Human
 Cat. No.: GP22858
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Bcl-2-like protein 10; Bcl2-L-10; Anti-apoptotic protein NrH; Apoptosis regulator Bcl-B; BCL2L10; BCLB; Boo; Diva; BCL-B.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVDQLRE RTTMADPLRE RTELLADYLY GYCAREPGTP EPAPSTPEAA VLRSAARLR QIHRSFFSAY LGYPGNRFEL VALMADSVLS DSPGPTWGRV VTLVTFAGTL LERGPLVTAR WKKWGFQPRL KEQEGDVARD CQRLVALLSS RLMGQHRAWL QAQGGWDGFC HFFRT.		
Formulation	BCL2L10 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

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.

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

BCL2L10 Human Recombinant produced in E.Coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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