
Product Data Sheet

Product Name: BCL2L11 Human
 Cat. No.: GP22859
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Bcl-2-like protein 11; Bcl2-L-11; Bcl2-interacting mediator of cell death; BCL2L11; BIM; BAM; BOD.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHEMAKQPS DVSSECDREG RQLQPAERPP QLRPGAPTSL QTEPQDRSPA PMSCDKSTQT PSPPCQAFNH YLSAMASMRQ AEPADMRPEI WIAQELRRIG DEFNAYYARR VFLNNYQAAE DHPRMVILRL LRYIVRLVWR MH.		
Formulation	BCL2L11 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer, pH8.0, 2M Urea, 20% glycerol, 5mM DTT and 300mM NaCl.		

Introduction

Bcl-2-like protein 11 (BCL2L11) is a member of the Bcl-2 family and contains a Bcl-2 homology domain 3 (BH3). BCL2L11 expression can be stimulated by nerve growth factor (NGF), in addition to the forkhead transcription factor (FKHR-L1) which proposes a role of the BCL2L11 gene in neuronal and lymphocyte apoptosis. BCL2L11 interacts with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and acts as an apoptotic activator. BimEL, BimL and BimS are the main isoforms which are ubiquitously expressed with a tissue-specific variation. The Isoform Bim-gamma, on the other hand, is most abundantly expressed in the small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.

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

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

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BCL2L11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 162 amino acids (1-138 a.a) and having a molecular mass of 18.5kDa. BCL2L11 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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