Product Name: Recombinant Human Bcl-xL (C-6His)
Catalog #: PEH0137

Summary

Name	BCL2L1/Bcl-2-like protein 1/B-cell Lymphoma-extra Large/Bcl-xL
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human B Cell Lymphoma/Leukemia x Long Form is produced by our E.coli expression system and the target gene encoding Met1-Arg212 is expressed with a 6His tag at the C-terminus.
Accession #	Q07817
Host	E.coli
Species	Human
Predicted Molecular Mass	24.85 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM HEPES, 50mM KCl, 20% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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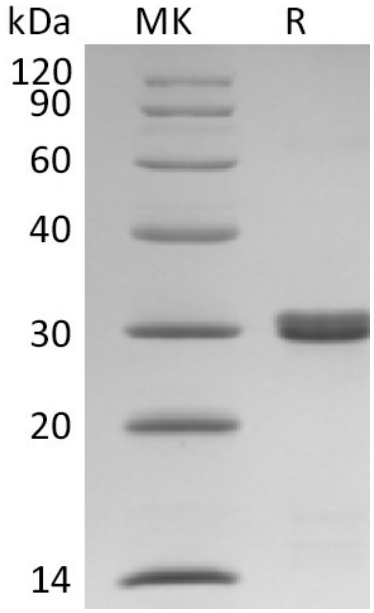

Alternative Names

Bcl-2-Like Protein 1; Bcl2-L-1; Apoptosis Regulator Bcl-X; BCL2L1; BCL2L; BCLX

Background

Bcl-2-Like Protein 1 (BCL2L1) is a member of the Bcl-2 family. BCL2L1 is expressed at high levels in cells that undergo a high rate of turnover, such as developing lymphocytes. BCL2L1 is a mitochondrial membrane protein. BCL2L1 contains four motifs, BH1, BH2 and BH4. The BH4 motif is required for anti-apoptotic activity. The BH1 and BH2 motifs are required for both heterodimerization with other Bcl-2 family members and for repression of cell death. BCL2L1 regulates cell death by blocking the voltage-dependent anion channnel (VDAC) and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. In addition, BCL2L1 promotes apoptosis.

Note

For Research Use Only , Not for Diagnostic Use.