

## Recombinant Human BCL2L1/Bcl-XL Protein (His Tag)

Catalog Number: PKSH033757

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

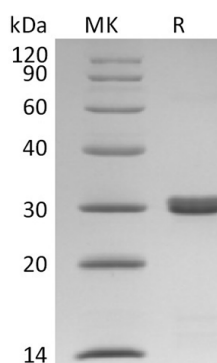
### Description

<b>Species</b>	Human
<b>Source</b>	E.coli-derived Human BCL2L1;Bcl-XL protein Met1-Arg212, with an C-terminal His
<b>Calculated MW</b>	24.9 kDa
<b>Observed MW</b>	29 kDa
<b>Accession</b>	Q07817
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM HEPES, 50mM KCl, 20% Glycerol, pH 7.5.

### Data



> 95 % as determined by reducing SDS-PAGE.

### 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 channel (VDAC) and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. In addition, BCL2L1 promotes apoptosis.