

# Recombinant mouse Bcl-xL protein

Catalog Number: ATGP3191

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-209aa

### UniProt No.

Q64373

### NCBI Accession No.

NP\_001276645

### Alternative Names

Bcl(X)L, bcl-x, bcl-XL, bcl-L-1, bcl2l, bclX, Bcl2l1

## PRODUCT SPECIFICATION

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### Molecular Weight

25.8 kDa (232aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by absorbance at 280nm)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

BCL2L1 also known as Bcl-2-like protein 1 isoform a. This protein is a member of BCL-2 protein family. BCL2L1 is located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. Also, BCL2L1 controls a switch between cell death modes during mitotic arrest. Recombinant mouse BCL2L1, fused to His-tag at N-terminus was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

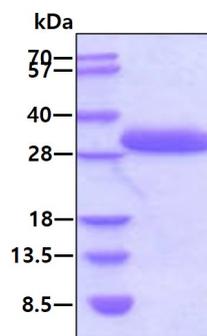
<MGSSHHHHHH SSGLVPRGSH MGS>MSQSNRE LVVDFLSYKL SQKGYSWSQF SDVEENRTEA PEETEAERET  
PSAINGNPSW HLADSPAVNG ATGHSSSLDA REVIPMAAVK QALREAGDEF ELRYRRAFSD LTSQLHITPG TAYQSFEQVV  
NELFRDGVNW GRIVAFFSFG GALCVESVDK EMQVLVSRIA SWMATYLNHD LEPWIQENGG WDTFVDLYGN  
NAAAESRKGQ ER

### General References

Bah N., et al. (2014) Cell death dis. doi: 10.1038  
Yang X F., et al. (1997) Immunity. 7(5): 629-39.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.