

Recombinant mouse Bcl-xL protein

Catalog Number: ATGP3191

PRODUCT INFORMATION

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

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

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 SWMATYLNH LEPWIQENG WDTFVDLYGN
NAAAESRKGQ ER

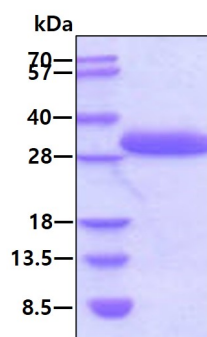
General References

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.