

Recombinant Mouse Bcl2l1 protein, His-tagged

Cat. No. Bcl2l1-74M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse BCL2L1, fused to His-tag at N-terminus was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol
Molecular Mass	25.8kDa (232aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQSNRE LVVDFLSYKL SQKGYSWSQF SDVEENRTEA PEETEAERET PSAINGNPSW HLADSPAVNGATGHSSSLDA REVIPMAAVK QALREAGDEF ELRYRRAFSD LTSQLHITPG TAYQSFEQVV NELFRDGVNW GRIVAFFSFG GALCVESVDKEMQVLVSRIA SWMATYLNH LEPWIQENGW WDTFVDLYGN NAAAESRKGQ ER
Purity	>95% by SDS - PAGE

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Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name Bcl2l1 BCL2-like 1 [*Mus musculus*]

Official Symbol Bcl2l1

Synonyms BCL2L1; BCL2-like 1; bcl-2-like protein 1; bcl2-L-1; apoptosis regulator Bcl-X; B-cell leukemia/lymphoma x; anti-apoptosis regulatory protein; BclX; Bcl2l; bcl-x; Bcl-XL; Bcl-Xs; Bcl(X)L; MGC99998; MGC113803;

Gene ID 12048

mRNA Refseq NM_009743

Protein Refseq NP_033873

MIM

UniProt ID

Pathway Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis signaling pathway, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem;

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Function

BH domain binding; BH3 domain binding; MDM2 binding; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; identical protein binding; protein binding; protein heterodimerization activity; protein heterodimerization activity; protei

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