

## Recombinant Mouse Bcl2l1 Protein, MYC/DDK-tagged

Cat. No. Bcl2l1-698M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Purified recombinant protein of full-length mouse BCL2-like 1 (Bcl2l1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.

**Species** Mouse

**Source** HEK293

**Description** This gene encodes a member of the Bcl-2 family of apoptosis regulators. The encoded protein is localized to the inner and outer mitochondrial membranes and regulates the programmed cell death pathway during development and tissue homeostasis. This protein binds to voltage-dependent anion channels in the outer mitochondrial membrane to facilitate the uptake of calcium ions. Mice embryos lacking this gene survived for two weeks and exhibited cell death of immature hematopoietic cells and neurons. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

**Molecular Mass** 26.6 kDa

**Purity** >80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Storage** Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Bcl2l1 BCL2-like 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** Bcl2l1

**Synonyms** Bcl2l1; BCL2-like 1; BclX; Bcl2l; bcl-x; Bcl-XL; Bcl(X)L; bcl2-L-1; bcl-2-like protein 1; B-cell leukemia/lymphoma x; anti-apoptosis regulatory protein; apoptosis regulator Bcl-X

**Gene ID** 12048

**mRNA Refseq** NM\_009743

**Protein Refseq** NP\_033873

**UniProt ID** Q64373

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