

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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