Recombinant Mouse Bcl2 Protein, MYC/DDK-tagged

Cat. No. Bcl2-697M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse B cell leukemia/lymphoma 2 (Bcl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the B cell lymphoma 2 protein family. Members of this family regulate cell death in multiple cell types and can have either proapoptotic or antiapoptotic activities. The protein encoded by this gene inhibits mitochondrial-mediated apoptosis. This protein is an integral outer mitochondrial membrane protein that functions as part of signaling pathway that controls mitochondrial permeability in response to apoptotic stimuli. This protein may also play a role in neuron cell survival and autophagy. Abnormal expression and chromosomal translocations of this gene are associated with cancer progression in numerous tissues. Alternate splicing results in multiple transcript variants.
Molecular Mass	26.9 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	Bcl2 B cell leukemia/lymphoma 2 [Mus musculus (house mouse)]
Official Symbol	Bcl2
Synonyms	Bcl2; B cell leukemia/lymphoma 2; Bcl-2; AW986256; C430015F12Rik; D630044D05Rik; D830018M01Rik; apoptosis regulator Bcl-2
Gene ID	12043
mRNA Refseq	NM_009741
Protein Refseq	NP_033871
UniProt ID	P10417

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