

Product datasheet for **TP502824**

Bcl2l1 (NM_009743) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse BCL2-like 1 (Bcl2l1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR202824 representing NM_009743
Red=Cloning site **Green**=Tags(s)

MSQSNRELWDFLSYKLSQKGYWSQFSDVEENRTEAPEETEAEERETPSAINGNPSWHLADSPAVNGATG
HSSSLDAREVIPMAAVKQALREAGDEFELRYRRAFSDLTSQLHITPGTAYQSFEQVVELFRDGVNWGRI
VAFFSFGGALCVESVDKEMQVLVSRIASWMATYLNHDHLEPWIQENGGWDTFVDLYGNNAEAESRKGQERF
NRWFLTGMTVAGVLLGSLFSRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 26.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

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

RefSeq: [NP_033873](#)

Locus ID: 12048

UniProt ID: [Q64373](#), [Q5HZH3](#)

RefSeq Size: 2371



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Cytogenetics: 2 H1

RefSeq ORF: 699

Synonyms: Bcl; Bcl(X); Bcl(X)L; bcl-; bcl-x; Bcl-XL; bcl2-L-1; Bcl2l; BclX

Summary: 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. [provided by RefSeq, Jan 2014]