

Datasheet for ABIN7563988  
**BCL2L1 Protein (AA 1-233) (His tag)**



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## Overview

Quantity:	1 mg
Target:	BCL2L1
Protein Characteristics:	AA 1-233
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL2L1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Bcl2l1 Protein expressed in mammalian cells.
Sequence:	MSQSNRELVV DFLSYKLSQK GYSWSQFSDV EENRTEAPEE TEAERETPSA INGNPSWHLA DSPAVNGATG HSSSLDAREV IPMAAVKQAL REAGDEFELR YRRAFSDLTS QLHITPGTAY QSFEQVVNEL FRDGVNWGRI VAFFSFGGAL CVESVDKEMQ VLVSRIASWM ATYLNDHLEP WIQENGGWDT FVDLYGNNAE AESRKGQERF NRWFLTGMTV AGVVLLGSLF SRK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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Grade: custom-made

## Target Details

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Target: BCL2L1

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Alternative Name: Bcl2l1 ([BCL2L1 Products](#))

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Background: Bcl-2-like protein 1 (Bcl2-L-1) (Apoptosis regulator Bcl-X),FUNCTION: Potent inhibitor of cell death. Inhibits activation of caspases. Appears to regulate cell death by blocking the voltage-dependent anion channel (VDAC) by binding to it and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. Also acts as a regulator of G2 checkpoint and progression to cytokinesis during mitosis. {ECO:0000269|PubMed:9390687}., FUNCTION: Isoform Bcl-X(L) also regulates presynaptic plasticity, including neurotransmitter release and recovery, number of axonal mitochondria as well as size and number of synaptic vesicle clusters. During synaptic stimulation, increases ATP availability from mitochondria through regulation of mitochondrial membrane ATP synthase F(1)F(0) activity and regulates endocytic vesicle retrieval in hippocampal neurons through association with DMN1L and stimulation of its GTPase activity in synaptic vesicles (By similarity). May attenuate inflammation impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (By similarity). {ECO:0000250, ECO:0000250|UniProtKB:Q07817}., FUNCTION: Isoform Bcl-X(S) promotes apoptosis. {ECO:0000250}.

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Molecular Weight: 26.1 kDa

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UniProt: [Q64373](#)

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## Target Details

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Pathways: [Apoptosis, Negative Regulation of intrinsic apoptotic Signaling](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months