

[Go to Product page](#)

Datasheet for ABIN7552528

BCL11B Protein (AA 1-894) (His tag)

Overview

Quantity:	1 mg
Target:	BCL11B
Protein Characteristics:	AA 1-894
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL11B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat BCL11B Protein expressed in mammalian cells.
Sequence:	MSRRKQGNPQ HLSQRELITP EADHVEAAIL EEDEGLEIEE PSGLGLMVGG PDPDLLTCGQ CQMNFLGDI LVFIEHKRKQ CGGSLGACYD KALDKDSPPP SSRSELRKVS EPVEIGIQVT PDEDDHLLSP TKGICPKQEN IAGPCRPAQL PAVAPIAASS HPHSSVITSP LRALGALPPC LPLCCSARP VSGDGTQGEG QTEAPFGCQC QLSGKDEPSS YICTTCKQPF NSAWFLLQHA QNTHGFRIYL EPGPASSLT PRLTIPPLG PEAVAQSPLM NFLGDSNPFN LLRMTGPILR DHPGFGEGRL PGTPLFSPP PRHHLDPHRL SAEEMGLVAQ HPSAFDRVMR LNPMAIDSPA MDFSRRREL AGNSSTPPPV SPGRGNPMHR LLNPFQPSK SPFLSTPPLP PMPPGGTPPP QPPAKSKSCE FCGKTKFKQS NLIVHRRSHT GEKPYKCQLC DHACSQASKL KRHMKTHMHK AGSLAGRSDD GLSAASSPEP GTSELAGEGL KAADGDFRHH ESDPSLGHEP EEEEEEEEE EEELLENES RPSSFMSMDS ELSRNRENGG GGVPVPGAG GAAKALADE KALVLGKVME NVGLGALPQY GELLADKQKR GAFLKRAAGG GDAGDDDDAG GCGDAGAGGA VNGRGGGFAP

Product Details

GTEPFPGLFP RKPAPLPSPG LNSAAKRIKV EKDLLEPPAA LIPSENVYSQ WLVGYAASRH
FMKDPFLGFT DARQSPFATS SEHSSENGSL RFSTPPGDLL DGGLSGRSGT ASGGSTPHLG
GPGPGRPSSK EGRRSDTCEY CGKVFKNCSN LTVHRRSHTG ERPYKCELCN YACAQSSKLT
RHMKTHGQIG KEVYRCDICQ MPFSVYSTLE KHMKKWHGEH LLTNDVKIEQ AERS **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.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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.

Purity:

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

Grade:

custom-made

Target Details

Target:

BCL11B

Alternative Name:

BCL11B ([BCL11B Products](#))

Background:

B-cell lymphoma/leukemia 11B (BCL-11B) (B-cell CLL/lymphoma 11B) (COUP-TF-interacting protein 2) (Radiation-induced tumor suppressor gene 1 protein) (hRit1),FUNCTION: Key regulator of both differentiation and survival of T-lymphocytes during thymocyte development in mammals. Essential in controlling the responsiveness of hematopoietic stem cells to chemotactic signals by modulating the expression of the receptors CCR7 and CCR9, which direct the movement of progenitor cells from the bone marrow to the thymus

Target Details

(PubMed:27959755). Is a regulator of IL2 promoter and enhances IL2 expression in activated CD4(+) T-lymphocytes (PubMed:16809611). Tumor-suppressor that represses transcription through direct, TFCOUP2-independent binding to a GC-rich response element (By similarity). May also function in the P53-signaling pathway (By similarity).
{ECO:0000250|UniProtKB:Q99PV8, ECO:0000269|PubMed:16809611, ECO:0000269|PubMed:27959755}.

Molecular Weight: 95.5 kDa

UniProt: [Q9C0K0](#)

Application Details

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

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