



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### BCL2A1 (Human) Recombinant Protein (P02)

**Catalog Number:** H00000597-P02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human BCL2A1 full-length ORF (NP\_004040.1, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTDCEFGYIYRLAQDYLCVLPQPGSGPSKTSRVL  
QNVAFSVQKEVEKNLKSCLDNVNVVSDTARTLFNQV  
MEKEFEDGIINWGRIVTIFAFEGILIKLLRQIAPDVDT  
YKEISYFVAEFIMNNTGEWIRQGGWENGFVKKFEPK  
SGWMTFLEVTGKICEMLSLLKQYC

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 46.5

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 597

**Gene Symbol:** BCL2A1

**Gene Alias:** ACC-1, ACC-2, BCL2L5, BFL1, GRS, HBPA1

**Gene Summary:** This gene encodes a member of the BCL-2 protein family. The proteins of this family form

hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]