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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

BAX (Human) Recombinant Protein (Q01)

Catalog Number: H00000581-Q01

Regulation Status: For research use only (RUO)

Product Description: Human BAX partial ORF (NP_620116, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDGSGEQPRGGGPTSSEQIMKTGALLLQGFQDRAG
RMGGEAPELALDPVPQDASTKKLSECLKRIGDELDSN
MELQRMIAAVDTDSPREVFVRVAADMF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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: 581

Gene Symbol: BAX

Gene Alias: BCL2L4

Gene Summary: The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a

heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq]

References:

1. Drp1 Mediates Caspase-Independent Type III Cell Death in Normal and Leukemic Cells. Bras M, Yuste VJ, Roue G, Barbier S, Sancho P, Virely C, Rubio M, Baudet S, Esquerda JE, Merle-Beral H, Sarfati M, Susin SA. Mol Cell Biol. 2007 Oct;27(20):7073-88. Epub 2007 Aug 6.