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Datasheet for ABIN1346446

## BAX Protein (AA 1-192) (GST tag)

1 Image

3 Publications

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 10 µg   |
| Target:                       | BAX   |
| Protein Characteristics:      | AA 1-192  |
| Origin:                       | Human   |
| Source:                       | Wheat germ  |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This BAX protein is labelled with GST tag.                                    |
| Application:                  | Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP) |

### Product Details

|                  |  |
|------------------|--|
| Purpose:         | BAX (Human) Recombinant Protein (P01)  |
| Sequence:        | MDGSGEQPRG GGPTSSEQIM KTGALLLQGF IQDRAGRMGG EAPELALDPV PQDASTKKLS<br>ECLKRIGDEL DSNMELQRMI AAVDTDSPRE VFFRVAADMF SDGNFNWGRV VALFYFASKL<br>VLKALCTKVP ELIRTIMGWT LDFLRERLLG WIQDQGGWDG LLSYFGTPTW QTATIFVAGV<br>LTASLTIWKK MG |
| Characteristics: | Human BAX full-length ORF ( AAH14175, 1 a.a. - 192 a.a.) recombinant protein with GST-tag at N-terminal.   |
| Purification:    | in vitro wheat germ expression system  |

### Target Details

|         |     |
|---------|-----|
| Target: | BAX |
|---------|-----|

## Target Details

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Alternative Name: BAX ([BAX Products](#))

Background: Full Gene Name: BCL2-associated X protein  
Synonyms: BCL2L4

Gene ID: 581

Pathways: [p53 Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#), [Unfolded Protein Response](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system  
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

## Handling

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

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

## Publications

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Product cited in: Kim, Kim, Park, Hwang, Kim, Lee, Kang, Um: "Bcl-w promotes cell invasion by blocking the invasion-suppressing action of Bax." in: **Cellular signalling**, Vol. 24, Issue 6, pp. 1163-72, (2012) ([PubMed](#)).

Chattopadhyay, Marques, Yamashita, Peters, Smith, Desai, Williams, Sen: "Viral apoptosis is induced by IRF-3-mediated activation of Bax." in: **The EMBO journal**, Vol. 29, Issue 10, pp. 1762-73, (2010) ([PubMed](#)).

Wang, Carlsson, Basso, Zhu, Rousset, Rasola, Johansson, Blomgren, Mallard, Bernardi, Forte, Hagberg: "Developmental shift of cyclophilin D contribution to hypoxic-ischemic brain injury." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 29, Issue 8, pp. 2588-96, (2009) ([PubMed](#)).



**Image 1.**