

Recombinant Human BAX Protein, GST-tagged

Cat. No. BAX-094H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BAX full-length ORF (AAH14175, 1 a.a. - 192 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	46.86 kDa
AA Sequence	MDGSGEQPRGGGPTSSEQIMKTGALLLQGFQDRAGRMGGEAPELALDPVPQDAS TKKLSECLKRIGDELDSNMELQRMIAAVDTDSPREVFFRVAADMFSNGNFWGRVV ALFYFASKLVLKALCTKVPELIRTIMGWTLDFLRERLLGWIQDQGGWDGLLSYFGTP TWQTATIFVAGVLTASLTIWKKMG

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	BAX BCL2-associated X protein [Homo sapiens]
Official Symbol	BAX
Synonyms	BAX; BCL2-associated X protein; apoptosis regulator BAX; BCL2L4; bcl2-L-4; bcl-2-like protein 4; BCL2-associated X protein omega;
Gene ID	581
mRNA Refseq	NM_004324
Protein Refseq	NP_004315
MIM	600040
UniProt ID	Q07812

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