

Recombinant Full Length Human BAX Protein, GST-tagged

Cat. No. BAX-1578HF **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	In Vitro Cell Free System
ProteinLength	192 amino acids
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	MDGSGEQPRG GGPTSSEQIM KTGALLLQGF IQDRAGRMGG EAPELALDPV PQDASTKKLS ECLKRIGDEL DSNMELQRMI AAVDTDSPRE VFFRVAADMF

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SDGNFNWGRV VALFYFASKL VLKALCTKVP ELIRTIMGWT LDFLRERLLG
WIQDQGGWDG LLSYFGTPTW QTATIFVAGV LTASLTIWKK MG

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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