

Recombinant Human BAX protein, GST-tagged

Cat. No. BAX-26650TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BAX fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	BAX is a proapoptotic protein of the BCL2 protein family. BAX forms a heterodimer with BCL2 and functions as an apoptotic activator. BAX interacts with and increases the opening of the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in the mitochondrial membrane potential and the release of cytochrome c. The expression of BAX gene is regulated by the tumor suppressor p53 and BAX 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	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~49 kDa
Purity	>75%
Applications	Western Blot
Stability	1 year at -70 centigrade from the date of shipment

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
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Concentration	0.2µg/µl
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GENE INFORMATION

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