

BAX

Recombinant Mouse Bax (aa 38-171)

Catalog No.	CRB112A	Quantity:	2 µg
	CRB112B		10 µg
	CRB112C		1 mg

Alternate Names: BCL2-associated X protein, Bax, apoptosis regulator BAX

Description: Recombinant Mouse Bcl-2-associated X protein (Bax) comprising aa 38-171 is a single, non-glycosylated polypeptide chain purified by proprietary chromatographic techniques. Bax belongs to the Bcl-2 protein family. It is a pro-apoptotic Bcl-2 protein containing BH1, BH2 and BH3 domains. Bax accelerates programmed cell death by binding to and antagonizing the apoptosis repressor bcl2 or its adenovirus homolog e1b 19k protein. Bax induces the release of cytochrome c, activation of casp3, and thereby apoptosis. Bax is expressed in a wide variety of tissues, with highest levels in the testis and ovary. Tumor suppressor protein p53 upregulates the expression of BAX. Bax has been shown to be involved in p53-mediated apoptosis.

GeneID: 12028

Source: *E. coli*

Formulation: Sterile filtered colorless solution containing 10 mM Tris-HCl, pH 8, + 1 mM EDTA + 250 mM NaCl.

Purity: >95% by RP-HPLC and SDS-PAGE

Endotoxin Level: <0.1 ng/µg of protein

Applications: Western blot (positive control), Binding Assays

Storage & Stability: Store desiccated at -80°C. For multiple use, aliquot and freeze working stocks at -80°C. Stable for 1 year. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.