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## Product Data Sheet

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Product Name: Bax Mouse, GST  
Cat. No.: GP22842  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Apoptosis regulator BAX membrane isoform alpha; Bax; Bcl2-associated X protein.		
Formulation	The 1mg/ml protein contains 10mM Tris-HCl pH-8, 1mM EDTA and 150mM NaCl, 10% glycerol, 0.1% tween & 10mM glutathione.		

### Introduction

Bcl-2 associated X protein (Bax) belongs to the Bcl-2 protein family. Bax 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.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

Bax Mouse Recombinant amino acid 1-171 produced in E.Coli is a single, non-glycosylated polypeptide chain. The Mouse Bax is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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