



Product Datasheet

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| Product Name | Bax Mouse Recombinant, GST |
| Cata No | CB501504 |
| Source | <i>Escherichia Coli.</i> |
| Synonyms | Apoptosis regulator BAX membrane isoform alpha, Bax, Bcl2-associated X protein. |

Description

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.

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.

Physical Appearance

Sterile Filtered colorless solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

The protein contains 10mM Tris-HCL pH-8, 1mM EDTA and 250mM NaCl.

Stability

Mouse Bax although stable at 12°C for 1 week, should be stored desiccated below -18°C.

Please prevent freeze-thaw cycles.

Applications

Input marker or positive control (Western Blotting).