

## Product datasheet

# Recombinant Mouse Bax protein ab73697

### 製品の概要

製品名	Recombinant Mouse Bax protein
タンパク質長	Protein fragment

### 製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
アクセッション番号	<a href="#">Q07813</a>
生物種	Mouse
配列	MAGETPELTLEQPPQDASTKKLSECLRRIGDELDSNMELQ RMIADVDTDS PREVFFRVAADMVFADGNFNWGRVVALFYFASKLVLKALCT KVPELIRTIM GWTLDFLRERLLVWIQDQGGWEGLLSYFGTPTWQ
領域	38 to 171
配列の追加情報	Bax Mouse Recombinant amino acid 38-171 produced in E.Coli is a single, non-glycosylated polypeptide chain. The Mouse Bax is purified by proprietary chromatographic techniques.

### 特性

Our [Abpromise guarantee](#) covers the use of **ab73697** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Western blot Functional Studies
精製度	> 95 % SDS-PAGE. ab73697 is purified by proprietary chromatographic techniques. Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE.
製品の状態	Liquid

### 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw
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cycles.

pH: 8.00

Constituents: 0.16% Tris HCl, 0.03% EDTA, 1.45% Sodium chloride

## 関連情報

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### 機能

Accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Under stress conditions, undergoes a conformation change that causes translocation to the mitochondrion membrane, leading to the release of cytochrome c that then triggers apoptosis. Promotes activation of CASP3, and thereby apoptosis.

### 組織特異性

Expressed in a wide variety of tissues. Isoform Psi is found in glial tumors. Isoform Alpha is expressed in spleen, breast, ovary, testis, colon and brain, and at low levels in skin and lung. Isoform Sigma is expressed in spleen, breast, ovary, testis, lung, colon, brain and at low levels in skin. Isoform Alpha and isoform Sigma are expressed in pro-myelocytic leukemia, histiocytic lymphoma, Burkitt's lymphoma, T-cell lymphoma, lymphoblastic leukemia, breast adenocarcinoma, ovary adenocarcinoma, prostate carcinoma, prostate adenocarcinoma, lung carcinoma, epidermoid carcinoma, small cell lung carcinoma and colon adenocarcinoma cell lines.

### 配列類似性

Belongs to the Bcl-2 family.

### ドメイン

Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.

### 細胞内局在

Cytoplasm and Mitochondrion membrane. Cytoplasm. Colocalizes with 14-3-3 proteins in the cytoplasm. Under stress conditions, undergoes a conformation change that causes release from JNK-phosphorylated 14-3-3 proteins and translocation to the mitochondrion membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

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