

# Recombinant Human Bid protein ab85155

画像数 1

### 製品の詳細

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製品名	Recombinant Human Bid protein
精製度	> 85 % Densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human

### 特性

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Our **Abpromise guarantee** covers the use of **ab85155** 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 SDS-PAGE
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製品の状態	Liquid
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### 前処理および保存

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保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.0039% DTT, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride, 0.79% Tris HCl, 0.003% EDTA
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### 関連情報

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機能	The major proteolytic product p15 BID allows the release of cytochrome c (By similarity). Isoform 1, isoform 2 and isoform 4 induce ICE-like proteases and apoptosis. Isoform 3 does not induce apoptosis. Counters the protective effect of Bcl-2.
組織特異性	Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex. Isoform 2 is expressed in spleen, pancreas and placenta (at protein level). Isoform 3 is expressed

in lung, pancreas and spleen (at protein level). Isoform 4 is expressed in lung and pancreas (at protein level).

**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.

**翻訳後修飾** TNF-alpha induces a caspase-mediated cleavage of p22 BID into a major p15 and minor p13 and p11 products.

Phosphorylated upon DNA damage, probably by ATM or ATR.

p15 BID is ubiquitinated by ITCH; ubiquitination results in proteasome-dependent degradation.

**細胞内局在** Cytoplasm; Cytoplasm. Mitochondrion membrane. When uncleaved, it is predominantly cytoplasmic; Mitochondrion membrane. A significant proportion of isoform 2 localizes to mitochondria, it may be cleaved constitutively; Mitochondrion membrane. Associated with the mitochondrial membrane and Mitochondrion membrane. Translocates to mitochondria as an integral membrane protein.

## 画像



SDS-PAGE showing ab85155 at approximately 52kDa.

SDS-PAGE - Recombinant Human Bid protein  
(ab85155)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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