

Datasheet for ABIN6699547

BID Protein (GST tag)



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Overview

Quantity:	20 µg
Target:	BID
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BID protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	BID recombinant protein-GST fusion protein
Purification:	Recombinant full-length human BID was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >85% by densitometry.
Purity:	>85%

Target Details

Target:	BID
Alternative Name:	BID (BID Products)
Background:	<p>Synonyms: FP497, MGC42355, MGC15319, BH3-interacting domain death agonist, p22 BID, BH3-interacting domain death agonist p15, p15 BID, p13 BID, p11 BID</p> <p>Background: BID is a BH3 interacting death domain that heterodimerizes with either agonist</p>

Target Details

BAX or antagonist BCL2 (1). BID is a member of the BCL-2 family of cell death regulators and is a mediator of mitochondrial damage induced by caspase-8 (CASP8). BID initiates apoptosis by binding to regulatory sites on prosurvival BCL2 proteins to directly neutralize their function. Multiple alternatively spliced transcript variants of BID have been found, but the full-length nature of some variants has not been defined. BID together with Cathepsins play an important role in the actions of Camptothecin on breast cancer cells (2). BID Protein is ideal for investigators involved in Signaling Proteins, Apoptosis Proteins, Apoptosis/Autophagy, Cancer, Cardiovascular Disease, and Neurobiology research.

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: BID Protein is suitable for use in Western Blot. Expect a band approximately ~52 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 µg/µL

Buffer: BID Protein is stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months