

# Recombinant Human BH3 Interacting Domain Death Agonist

Cat. No. BID-380H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant BID protein was expressed in E.coli and purified by using conventional chromatography techniques, 21.9 kDa (195 aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	BID is a pro-apoptotic Bcl-2 protein containing only the BH3 domain. In response to apoptotic signaling, BID interacts with another Bcl-2 family protein, Bax, leading to the insertion of Bax into the outer mitochondrial membrane. Bax is believed to induce the opening of the mitochondrial voltage-dependent anion channel. This results in the release of cytochrome c and other pro-apoptotic factors from the mitochondria leading to activation of caspases.
<b>Sequences of amino acids</b>	MDCEVNNNGSS LRDECITNLL VFGFLQSCSD NSFRRELDAL GHELPVLAPQ WEGYDELQTD GNRSSHSRLG RIEADSESQE DIIRNIARHL AQVGDSMDRS IPPGLVNGLA LQLRNTSRSE EDRNRDLATA LEQLLQAYPR DMEKEKTMLV LALLLAKKVA SHTPSLLRDV FHTTVNFINQ NLRTYVRSLA RNGMD
<b>Formulation</b>	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
<b>Purity</b>	> 95% by SDS - PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)

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**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

## GENE INFORMATION

**Gene Name** [BID BH3 interacting domain death agonist \[ Homo sapiens \]](#)

**Synonyms** BID; BH3 interacting domain death agonist; FP497; MGC15319; MGC42355; BID isoform Si6; BID isoform L(2); BID isoform ES(1b); OTTHUMP00000196197; desmocollin type 4; apoptic death agonist; Human BID coding sequence; BH3-interacting domain death agonist; p22 BID

**Gene ID** [637](#)

**mRNA Refseq** [NM\\_001196](#)

**Protein Refseq** [NP\\_001187](#)

**MIM** [601997](#)

**UniProt ID** [P55957](#)

**Chromosome Location** 22q11.1

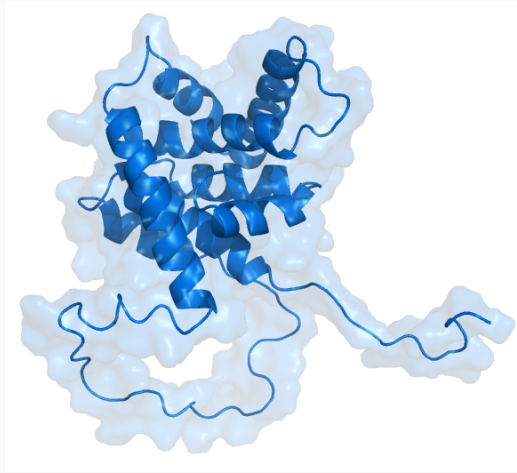
**Pathway** Apoptosis; Natural killer cell mediated cytotoxicity; Apoptosis

**Function** death receptor binding; protein binding

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