

Recombinant Human BH3 Interacting Domain Death Agonist

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

SPECIFICATION

Product Overview	Recombinant BID protein was expressed in E.coli and purified by using conventional chromatography techniques, 21.9 kDa (195 aa).
Species	Human
Source	E.coli
Description	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.
Sequences of amino acids	MDCEVNNGSS LRDECITNLL VFGFLQSCSD NSFRELDAL GHELPVLAPQ WEGYDELQTD GNRSSHSLRG RIEADSESQE DIIRNIARHL AQVGDSMDRS IPPGLVNGLA LQLRNTSRSE EDRNRDLATA LEQLLQAYPR DMEKEKTMLV LALLLAKKVA SHTPSLLRDV FHTTVNFINQ NLRTYVRSLA RNGMD
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

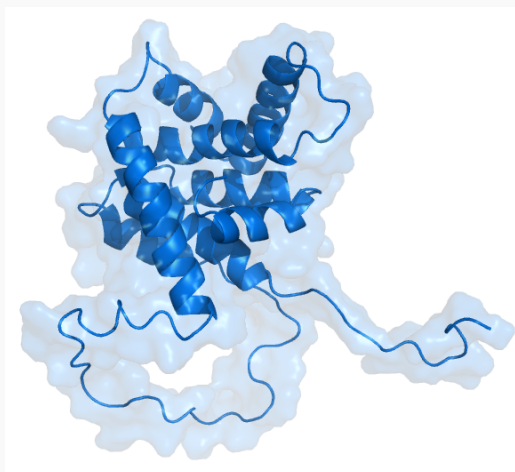
Function

death receptor binding; protein binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA