

Recombinant Human BH3 Interacting Domain Death Agonist, His-tagged

Cat. No. BID-2427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human truncated C-terminal Bid (aa 61-195) produced in <i>E. coli</i> is fused at the N-terminus to a His-tag.
Species	Human
Source	E.coli
ProteinLength	61-195 a.a.
Description	Bid is an abundant pro-apoptotic protein of the Bcl-2 family that is crucial for death receptor-mediated apoptosis in many cell systems. Bid action has been proposed to involve the mitochondrial re-location of its truncated form tBid, to facilitate the release of apoptogenic proteins like cytochrome c.
Source/Host	E. coli.
Concentration	0.5mg/ml.
Purity	≥95% (SDS-PAGE). Affinity purified.
Biological Activity	Facilitates Bax oligomerization and induces cytochrome c release in isolated mitochondria (10-50ng/ml).
Application	Studies of Bid/Bax interaction and in vitro cytochrome c release.

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Formulation Liquid. In PBS.

Long Term Storage -80°C.

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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