

# Recombinant Human BH3 Interacting Domain Death Agonist, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human truncated C-terminal Bid (aa 61-195) produced in <i>E. coli</i> fused at the N-terminus to a His-tag.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	61-195 a.a.
<b>Description</b>	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.
<b>Source/Host</b>	<i>E. coli</i> .
<b>Concentration</b>	0.5mg/ml.
<b>Purity</b>	≥95% (SDS-PAGE). Affinity purified.
<b>Biological Activity</b>	Facilitates Bax oligomerization and induces cytochrome c release in isolated mitochondria (10-50ng/ml).
<b>Application</b>	Studies of Bid/Bax interaction and in vitro cytochrome c release.

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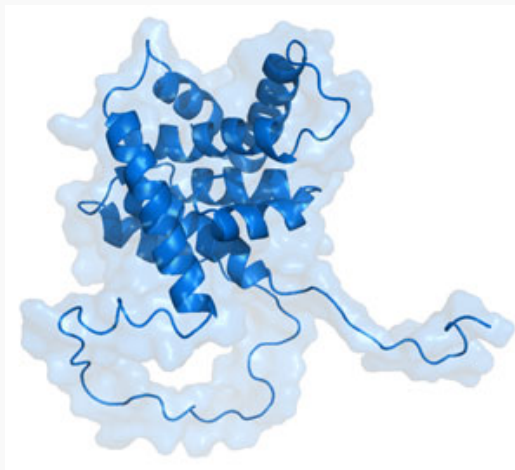
<b>Formulation</b>	Liquid. In PBS.
<b>Long Term Storage</b>	-80°C.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	BID BH3 interacting domain death agonist [ Homo sapiens ]
<b>Synonyms</b>	BID; BH3 interacting domain death agonist; FP497; MGC15319; MGC42355; BID isoform Si6; BID isoform L(2); BID isoform ES(1b); OTTHUMP00000196197; desmocollin type 4; apoptic death agonist; Human BID coding sequence; BH3-interacting domain death agonist; p22 BID
<b>Gene ID</b>	637
<b>mRNA Refseq</b>	NM_001196
<b>Protein Refseq</b>	NP_001187
<b>MIM</b>	601997
<b>UniProt ID</b>	P55957
<b>Chromosome Location</b>	22q11.1
<b>Pathway</b>	Apoptosis; Natural killer cell mediated cytotoxicity; Apoptosis
<b>Function</b>	death receptor binding; protein binding

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