

Recombinant Human BID Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BID-1625H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

BID MS Standard C13 and N15-labeled recombinant protein (NP_001187) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2, and thus regulate apoptosis. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.

Molecular Mass

26.8 kDa

AA Sequence

MCSGAGVMMARWAARGRAGWRSTVIRILSPLGHCEPGVSRSCRAAQAMDCEVNN
GSSLRDECITNLLVFGFLQSCSDNSFRRELDALGHELPVLAPQWEGYDELQTDGNR
SSHSRLGRIEADSESEQEDIIRNIARHLAQVGDSMDRSIPPGLVNGLALQLRNTSRSEE
DRNRDLATALEQLLQAYPRDMEKEKTMLVLALLAKKVASQTPSLLRDVFHTTVNFIN
QNLRTYVRSRLARNGMDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	BID BH3 interacting domain death agonist [Homo sapiens (human)]
Official Symbol	BID
Synonyms	BID; BH3 interacting domain death agonist; BH3-interacting domain death agonist; p22 BID; BID isoform Si6; BID isoform L(2); BID isoform ES(1b); desmocollin type 4; apoptic death agonist; Human BID coding sequence; FP497; MGC15319; MGC42355;
Gene ID	637
mRNA Refseq	NM_001196
Protein Refseq	NP_001187
MIM	601997
UniProt ID	P55957

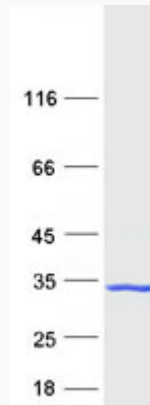
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SDS-PAGE



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