

Recombinant Mouse BH3 Interacting Domain Death Agonist, 61-195aa

Cat. No. Bid-1384M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Truncated BID Mouse Recombinant also called BH3-interacting domain death agonist p15 produced in <i>E. Coli</i> is a single, non-glycosylated polypeptide chain containing 61-195 amino acids (135 a.a.) and having a molecular mass of 15.4 kDa.
Species	Mouse
Source	E.coli
Protein Length	61-195 a.a.
Description	Truncated BH3 interacting domain death agonist is a truncated form of the pro-apoptotic full-length BID. Truncated BH3 interacting domain death agonist is generated by Caspase-8 cleavage of BID. The truncated form of the protein translocates from the cytosol to mitochondria and transduces apoptotic signals. Bax induces the opening of the mitochondrial voltage-dependent anion channel which lead to the release of cytochrome c and other pro-apoptotic factors from the mitochondria resulting in activation of caspases. CASP8 cleaves BID, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release.
Physical Appearance	Sterile Filtered colorless liquid formulation.
Formulation	The Mouse Truncated BID protein solution contains 10mM Tris-HCL pH-8, 1mM EDTA and 250mM NaCl.

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Purity	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Stability	TBID although stable at 15°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
GENE INFORMATION	
Gene Name	Bid BH3 interacting domain death agonist [<i>Mus musculus</i>]
Synonyms	Bid; BH3 interacting domain death agonist; A1875481; AU022477; 2700049M22Rik; OTTMUSP00000028756
Gene ID	12122
mRNA Refseq	NM_007544
Protein Refseq	NP_031570
UniProt ID	P70444
Chromosome Location	6 F1; 6 54.0 cM
Pathway	Alzheimer's disease; Amyotrophic lateral sclerosis (ALS); Natural killer cell mediated cytotoxicity; Pathways in cancer; p53 signaling pathway
Function	protein binding