

# 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 *E. Coli* 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

**ProteinLength** 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 [ *Mus musculus* ]

**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

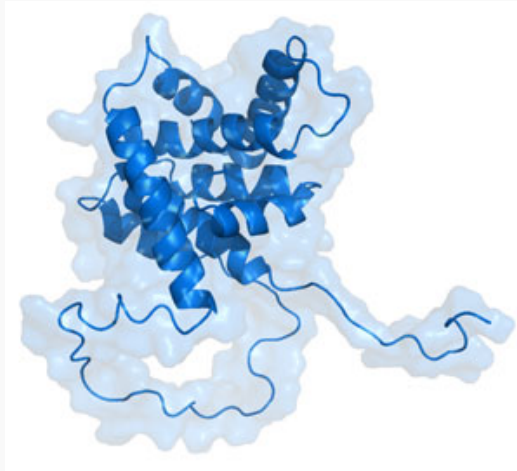
**Function** protein binding

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PDB rendering based  
on 2bid.



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