

**BID, 1-195aa, Human, Recombinant, E.coli**

**Cat.NO.: TP01334**

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3th Edition

**Synonyms:**BH3 interacting domain death agonist isoform 2, FP497.

**Description:**BID is a pro-apoptotic Bcl-2 protein containing only the BH3 domain. In response to apoptotic signaling, BID interacts with another Bcl-2 family protein, Bax, leading to the insertion of Bax into the outer mitochondrial membrane.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

**Molecular Weight:**21.9 kDa (195 aa), confirmed by MALDI-TOF

**Sequences:**

MDCEVNNGSSLRDECITNLLVFGFLQSCSDNSFRRELDALGHELPVLAPQWEGYDELQTDGNRSSHSRLGRIEAD  
SESQEDIIRNIARHLAQVGDSDRSIPPGLVNGLALQLRNTSRSEEDRNRDLATALEQLLQAYPRDMEKEKTMLVLA  
LLAKKVASHTPSLLRDVFHTTVNFINQNLRTYVRSLARNGMD

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.