

# BID, Human Recombinant

**CATALOG NO:** P1571-10 10 µg  
P1571-50 50 µg

**ALTERNATE NAMES:** BH3-interacting domain death agonist, p22 BID, p11 BID

**MOL. WT.** 21.9 kDa

**SOURCE:** *E. coli*

**PURITY:** >95% SDS - PAGE

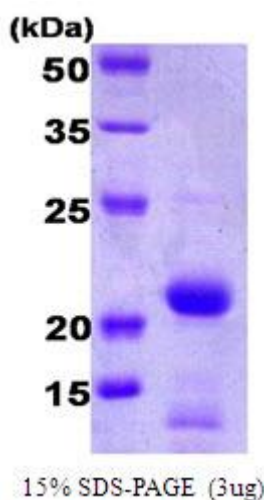
**FORM:** Liquid

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

**STORAGE CONDITIONS:** Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles .

**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. Bax is believed to induce the opening of the mitochondrial voltage-dependent anion channel. This results in the release of cytochrome c and other pro-apoptotic factors from the mitochondria leading to activation of caspases. Recombinant BID protein was expressed in *E. coli* and purified by using conventional chromatography techniques.

**AMINO ACID SEQUENCE:** aa 1-195



3 µg by SDS-PAGE under reducing condition and stained by coomassie blue stain.

## RELATED PRODUCTS:

- Bax Antibody (3032)
- Anti-Bax Antibody (BAX/962) (A1434)
- Akt1, Active (7701)
- Akt2, Active (7702)

**FOR RESEARCH USE ONLY! Not to be used on humans.**