

## Active Recombinant Human BID protein

Cat. No. BID-3838H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human BID protein(P55957-1) (Met 1-Asp 195) was expressed and purified in E. coli, with additional two amino acids (Gly & Pro) at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-195 aa
<b>Form</b>	Lyophilized from sterile 40mM Tris, 150mM NaCl, pH 8.0.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. 1. Immobilized human BID at 10 µg/mL (100 µl/well) can bind biotinylated human BCL2L1, The EC50 of biotinylated human BCL2L1 is 7.1 ng/mL. 2. Immobilized human BID at 10 µg/mL (100 µl/well) can bind biotinylated mouse BCL2L1, The EC50 of biotinylated mouse BCL2L1 is 5.6 ng/mL.
<b>Molecular Mass</b>	The recombinant human BID consists of 197 amino acids and migrates as an approximately 22 kDa band in SDS-PAGE under reducing conditions as predicted.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** BID BH3 interacting domain death agonist [ Homo sapiens ]

**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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