

## Recombinant Human BID protein, His-SUMO-tagged

**Cat. No.** BID-2592H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human BID protein(P55957)(1-195aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-195aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 38 kDa                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MDCEVNNGSSSLRDECITNLLVFGFLQSCSDNSFRRELDALGHELPVLAPQWEGYDE<br>LQTDGNRSSHRLGRIEADSESQEDIIRNIARHLAQVGDSMDRSIPPGLVNGLALQLR<br>NTSRSEEDRNRDLATALEQLLQAYPRDMEKEKTMLVLALLAKKVASHTPSLLRDVF<br>HTTVNFINQNLRTYVRSLARNGMD                        |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**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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