

## Recombinant Human BID Protein, His-tagged

Cat. No. BID-2006H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BID Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Asp195) of human BID (Accession #NP_001187.1) fused with a 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asp195
<b>Description</b>	This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90% as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	BID BH3 interacting domain death agonist [ Homo sapiens ]
<b>Official Symbol</b>	BID
<b>Synonyms</b>	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;
<b>Gene ID</b>	637
<b>mRNA Refseq</b>	NM_001196
<b>Protein Refseq</b>	NP_001187
<b>MIM</b>	601997
<b>UniProt ID</b>	P55957

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