

General Information

Gene Name Synonym

p22 BID; BH3-interacting domain death agonist p15; p15 BID; BH3-interacting domain death agonist p13; p13 BID; BH3-interacting domain death agonist p11; p11 BID

Protein Construction

A DNA sequence encoding the human BID isoform 1 (P55957-1) (Met 1-Asp 195) was expressed and purified, with additional two amino acids (Gly & Pro) at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. 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.
3. 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.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

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.

Formulation

Lyophilized from sterile 40mM Tris, 150mM NaCl, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

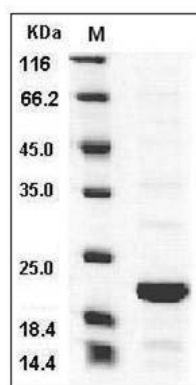
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human BID Protein SDS-PAGE