

Active Recombinant Mouse Bid protein(Met1-Asp195), His&GST-tagged

Cat. No. Bid-4029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BID (EDK99650.1) (Met 1-Asp 195) was expressed in E. coli, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Asp195
Form	Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 7.8. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized mouse BID at 10 µg/mL (100 µl/well) can bind biotinylated human BCL2L1, The EC50 of biotinylated human BCL2L1 is 7.01 ng/mL. 3. Immobilized mouse BID at 10 µg/mL (100 µl/well) can bind biotinylated mouse BCL2L1, The EC50 of biotinylated mouse BCL2L1 is 7.1 ng/mL.
Molecular Mass	The recombinant mouse BID/GST chimera consisting of 435 amino acids and has a calculated molecular mass of 50 kDa. It migrates as a 47 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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 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 [*Mus musculus*]

Official Symbol Bid

Synonyms BID; BH3 interacting domain death agonist; BH3-interacting domain death agonist; p22 BID; AI875481; AU022477; 2700049M22Rik;

Gene ID 12122

mRNA Refseq NM_007544

Protein Refseq NP_031570

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