

# Mouse p22 BID (His & GST Tag) recombinant protein



Catalog Number: 504605

## General Information

### Protein Construction

A DNA sequence encoding the mature form of mouse BID (EDK99650.1) (Met 1-Asp 195) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized mouse BID at 10  $\mu\text{g/mL}$  (100  $\mu\text{l/well}$ ) can bind biotinylated human BCL2L1, The  $\text{EC}_{50}$  of biotinylated human BCL2L1 is 7.01 ng/mL.
3. Immobilized mouse BID at 10  $\mu\text{g/mL}$  (100  $\mu\text{l/well}$ ) can bind biotinylated mouse BCL2L1, The  $\text{EC}_{50}$  of biotinylated mouse BCL2L1 is 7.1 ng/mL.

### Purity

> 95 % 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  $-70^{\circ}\text{C}$

### Predicted N terminal

Met

### 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.

### Formulation

Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 7.5

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

## Usage Guide

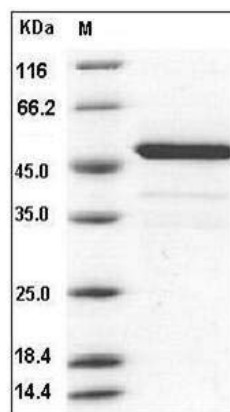
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Mouse BID Protein (His & GST Tag) SDS-PAGE