

# Mouse BST2 (Fc Tag) recombinant protein



Catalog Number: 503700

## General Information

### Gene Name Synonym

HM1.24 antigen

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse BST2 (Q8R2Q8) (Thr 52-Asn 151) was fused with the Fc region of human IgG1 at the N-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Glu

### Molecular Mass

The recombinant mouse BST2/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 360 amino acids and has a calculated molecular mass of 40 kDa. The apparent molecular mass of the monomer is approximately 4-50 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

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

## Usage Guide

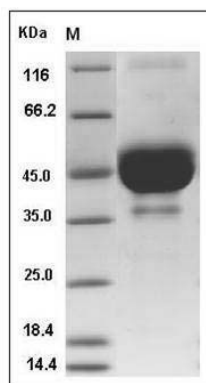
### Storage

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



Mouse TETHERIN / BST2 / CD317 Protein (Fc Tag) SDS-PAGE