

Mouse BST2 Protein (His Tag, ECD)

Catalog Number: 51043-M07H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

2310015I10Rik; Bst-2; C87040; CD317; DAMP-1; GREG

Protein Construction:

A DNA sequence encoding the mouse Bst2 (NP_932763.1) (Thr52-Asn151) was expressed with a polyhistidine tag at the N-terminus.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > (82.9+10.5) % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg 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: His

Molecular Mass:

The recombinant mouse Bst2 consists of 119 amino acids and predicts a molecular mass of 13.6 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

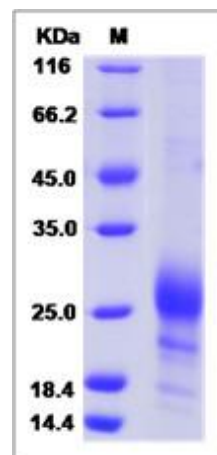
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Ishikawa J, *et al.* (1995) Molecular cloning and chromosomal mapping of a bone marrow stromal cell surface gene, BST2, that may be involved in pre-B-cell growth. *Genomics*. 26 (3): 527-34. 2. Viswanathan K, *et al.* (2011) BST2/Tetherin enhances entry of human cytomegalovirus. *PLoS Pathog.* 7(11):e1002332. 3. Gifford RJ. (2011) No trespassing: ancient BST2 deletion confers protection against simian immunodeficiency virus infection of humans. *Hum Mutat.* 32(11).

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>