Human CD157/BST1 (His Tag) recombinant protein

Catalog Number: 500471



General Information

Gene Name Synonym

ADP-ribosyl cyclase 2; Bone marrow stromal antigen 1; Cyclic ADP-ribose hydrolase 2

Protein Construction

A DNA sequence encoding the human BST1 (NP_004325.2) (Met 1-Lys 292) with a C-terminal polyhistidine tag was expressed.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

Gly 29

Molecular Mass

The secreted recombinant human BST1 comprises 275 amino acids with a predicted molecular mass of 31.4 kDa. As a result of glycosylation, rhBST1 migrates as an approximately 38-43 kDa band 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

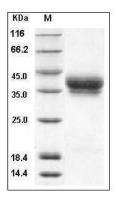
Storage

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



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