General Information

Gene Name Synonym:
CD317; TETHERIN

Protein Construction:
A DNA sequence encoding the human BST2 (Q10589) (Asn49-Ser160) was expressed, with the fused Fc region of human IgG1 at the N-terminus.

Source: Human
Expression Host: HEK293 Cells

QC Testing
Purity: > 90 % 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: Glu

Molecular Mass:
The recombinant human BST2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 372 amino acids and has a predicted molecular mass of 41 kDa. The apparent molecular mass of the protein is approximately 51 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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.

References