HUMAN BST2 PROTEIN, HFC TAG

Cat.#: 11787

Product Name: Human BST2 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CD317;HM1.24;TETHERIN

Target: BST2

UNIPROT ID: Q10589

Description: Recombinant Human BST2 with N-terminal human Fc tag

Background: Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of the protein encoded by the bone marrow stromal cell antigen 2 is undetermined; however, this protein may play a role in pre-B-cell growth and in rheumatoid arthritis. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 38.8 kDa after removal of the signal peptide.The apparent molecular mass of hFc-BST2 is approximately 40-55 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) BST2(Asn49-Ser161)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

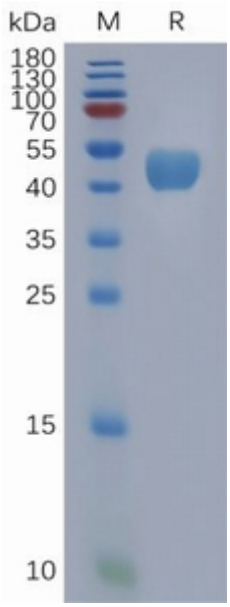

Figure 1. Human BST2 Protein, hFc Tag on SDS-PAGE under reducing condition.