

HUMAN BST2 PROTEIN, HFC TAG**Cat.#:** 11787**Product Name:** Human BST2 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** CD317;HML24;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.

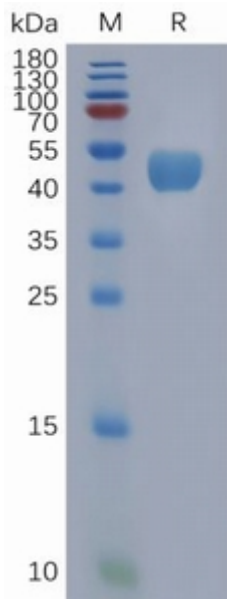


Figure 1. Human BST2 Protein, hFc Tag on SDS-PAGE under reducing condition.