PRODUCT INFORMATION

Target	BST1
Synonyms	CD157
Description	Recombinant Human BST1 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q10588
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	BST1(Gly29-Lys292) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 56.1 kDa after removal of the signal peptide. The apparent molecular mass of BST1-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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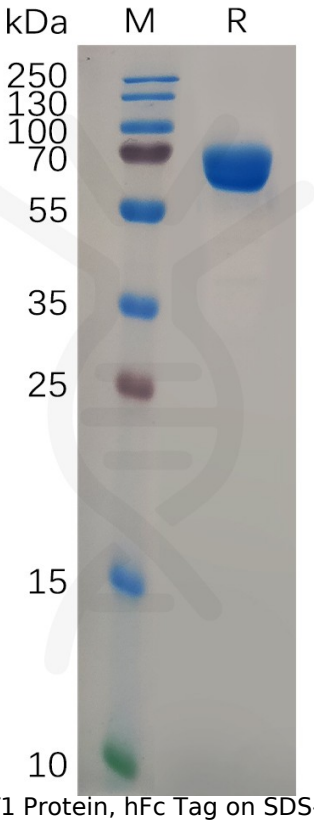


Figure 1. Human BST1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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