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## Datasheet for ABIN7092796 BST1 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	BST1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BST1 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human BST1 with C-terminal human Fc tag
Specificity:	BST1 (Gly29-Lys292) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	BST1
Alternative Name:	BST1 ( <a href="#">BST1 Products</a> )
Background:	Synonyms: CD157 Description: Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced

## Target Details

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]

Molecular Weight: predicted molecular mass of 56.1 kDa after removal of the signal peptide. The apparent molecular mass of BST1-hFc is 55-70 kDa due to glycosylation.

UniProt: [Q10588](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months