

Datasheet for ABIN7092796

BST1 Protein (AA 29-292) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	BST1
Protein Characteristics:	AA 29-292
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:	Purified from cell culture supernatant by affinity chromatography
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 (BST1 Products)
Background:	Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-

Target Details

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]

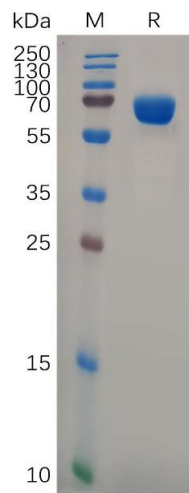
Molecular Weight:	predicted molecular mass of 56.1 kDa after removal of the signal peptide. The apparent molecular mass of BST1-hFc is 55-70 kDa due to glycosylation.
UniProt:	Q10588

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
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



SDS-PAGE

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