

BST1 (Human) Recombinant Protein

Catalog # P8495 Size 2 x 10 ug

Specification

Product Description	Human BST1 (Q10588, 33 a.a. - 293a.a.) partial-length recombinant protein with His-tag at C-terminal expressed in <i>Baculovirus</i> .
Sequence	RWRGEGTSAHLRDIFLGRCAEYRALLSPEQRNKNCTAWEAFKVALDKDPCSVLPDYDLFINLS RHSIPRDKSLFWENSHLLVNSFADNTRRFMPLSDVLYGRVADFLSWCRQKNDSGLDYQSCPTSE DCENNPVDSFWKRASIQYSKDSSGVHVMLNGSEPTGAYPIKGFFADYEIPNLQKEKITRIEMVMH EIGGPNVESCGEESMKVLEKRLKDMGFQYSCINDYRPVKLLQCVDHSTHPDCALKSAAAATQRK AHHHHHH.
Host	Viruses
Theoretical MW (kDa)	30.5
Form	Liquid
Preparation Method	<i>Baculovirus</i> expression system
Purity	> 95% by SDS-PAGE
Storage Buffer	BST1 protein solution (0.5mg/mL) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — BST1

Entrez GeneID	683
Protein Accession#	Q10588

Gene Name	BST1
Gene Alias	CD157
Gene Description	bone marrow stromal cell antigen 1
Omim ID	600387
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	-

Pathway

- [Calcium signaling pathway](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Parkinson Disease](#)