

Recombinant Human BST1 Protein, His-tagged

Cat. No. BST1-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human bone marrow stromal cell antigen 1(BST1)(NM_004334), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.264, without any preservatives.
Molecular Mass	35.5 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name	BST1 bone marrow stromal cell antigen 1 [Homo sapiens]
Official Symbol	BST1
Synonyms	BST1; bone marrow stromal cell antigen 1; ADP-ribosyl cyclase 2; ADP ribosyl cyclase 2; CD157; NAD(+) nucleosidase; BST-1; cADPr hydrolase 2; bone marrow stromal antigen 1; cyclic ADP-ribose hydrolase 2;
Gene ID	683
mRNA Refseq	NM_004334
Protein Refseq	NP_004325
MIM	600387
UniProt ID	Q10588

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