

Recombinant Human BST1 Protein, GST-tagged

Cat. No. BST1-363H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BST1 full-length ORF (AAH12095.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	60.39 kDa
AA Sequence	MAAQGCAASRLQLLLQLLLLLLLLAAGGARARWRGEGTSAHLRDIFLGRCAEYRAL LSPEQRNKNCTAIWEAFKVALDKDPCSVLPDYDLFINLSRHSIPRDKSLFWENSHLL VNSFADNTRRFMPLSDVLYGRVADFLSWCRQKNDSGLDYQSCPTSEDCENNPVDS FWKRASIQYSKDSSGVHVMLNGSEPTGAYPIKGFFADYEIPNLQKEKITRIEIVMH EIGGPNVESCGEESMKVLEKRLKDMGFQYSCINDYRPVKLLQCVDHSTHPDCALKS AAAATQRKAPSLYTEQRAGLIPLFLVLASRTQL

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Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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