

Recombinant Human BST2

Cat. No. BST2-26108TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human BST2 with a proprietary tag; predicted MWt 45.87kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	180 amino acids
Description	Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of the protein encoded by the bone marrow stromal cell antigen 2 is undetermined; however, this protein may play a role in pre-B-cell growth and in rheumatoid arthritis.
Molecular Weight	45.870kDa inclusive of tags
Tissue specificity	Predominantly expressed in liver, lung, heart and placenta. Lower levels in pancreas, kidney, skeletal muscle and brain. Overexpressed in multiple myeloma cells. Highly expressed during B-cell development, from pro-B precursors to plasma cells. Highly exp
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MASTSYDYCRVPMEDGDKRCKLLLGIGILVLLIIVILGVPLIIFTIKANSEACRDGLRAV MECRNVTHLLQQELTEAQKGFQDVEAQAATCNHTVMALMASLDAEKAQGQKKVEE LEGEITTLNHKLQDASAEVERLRRENQVLSVRIADKKYYPSSQDSSSAAAPQLLIVLL GLSALLQ
Sequence Similarities	Belongs to the tetherin family.

GENE INFORMATION

Gene Name	BST2 bone marrow stromal cell antigen 2 [Homo sapiens]
Official Symbol	BST2
Synonyms	BST2; bone marrow stromal cell antigen 2; bone marrow stromal antigen 2; CD317; tetherin;
Gene ID	684
mRNA Refseq	NM_004335
Protein Refseq	NP_004326
MIM	600534
Uniprot ID	Q10589

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Chromosome Location	19p13.2
Function	protein homodimerization activity; signal transducer activity;

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