

## Recombinant Human BST2

Cat. No. BST2-26110TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human BST2 with N terminal proprietary tag; Predicted MWt 41.25 kDa including the tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	141 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	41.250kDa inclusive of tags
<b>Tissue specificity</b>	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
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage buffer</b>	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	PLIIFTIKANSEACRDGLRAVMECRNVTHLLQQELTEAQK GFQDVEAQAATCNHTVM ALMASLDAEKAQGQKKVEELEGE ITTLNHKLQDASAEVERLRRENQVLSVRIADKKY YPSSQD SSSAAAPQLLIVLLGLSALLQ
<b>Sequence Similarities</b>	Belongs to the tetherin family.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">BST2 bone marrow stromal cell antigen 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">BST2</a>
<b>Synonyms</b>	BST2; bone marrow stromal cell antigen 2; bone marrow stromal antigen 2; CD317; tetherin;
<b>Gene ID</b>	<a href="#">684</a>
<b>mRNA Refseq</b>	<a href="#">NM_004335</a>
<b>Protein Refseq</b>	<a href="#">NP_004326</a>
<b>MIM</b>	<a href="#">600534</a>
<b>Uniprot ID</b>	<a href="#">Q10589</a>
<b>Chromosome</b>	19p13.2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Location**

**Function**

protein homodimerization activity; signal transducer activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA