

## Product datasheet for **TP727002**

### **BST2 Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human Bone Marrow Stromal Antigen 2/BST2/Tetherin/CD317 (C-6His)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Asn49-Ser161
<b>Tag:</b>	C-His
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Note:</b>	Recombinant Human Bone Marrow Stromal Antigen 2 is produced by our Mammalian expression system and the target gene encoding Asn49-Ser161 is expressed with a 6His tag at the C-terminus.
<b>Stability:</b>	12 months from date of despatch
<b>Locus ID:</b>	684
<b>UniProt ID:</b>	<a href="#">Q10589</a>
<b>Summary:</b>	Bone Marrow Stromal Antigen 2 (BST2) is a single-pass type II membrane protein that belongs to the tetherin family. BST2 is predominantly expressed in the liver, lung, heart and placenta. BST2 is involved in the sorting of secreted proteins. BST2 is a human cellular protein which inhibits retrovirus infection by preventing the diffusion of virus particles after budding from infected cells. BST2 is initially discovered as an inhibitor to HIV-1 infection in the absence of Vpu, it has also been shown to inhibit the release of other viruses such as retroviruses, filoviruses, arenaviruses, and herpes viruses. BST2 may play a role in B-cell activation in rheumatoid arthritis.



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