

## 32-1101: BST2 Recombinant Protein

**Alternative Name :** Bone marrow stromal cell antigen 2,CD317 antigen,BST-2,HM1.24 antigen,Tetherin,NPC-A-7.

### Description

Source : Escherichia Coli. BST2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 133 amino acids (50-161) and having a molecular mass of 14.8 kDa. The BST2 is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. BST2 takes part in the growth and development of B-cells. The human cellular protein BST2 inhibits retrovirus infection by maintaining the diffusion of virus particles after budding from infected cells. BST2 was originally discovered as an inhibitor to HIV-1 infection in the absence of Vpu, but it is also known to inhibit the release of other viruses such as the Lassa and Marburg virions. In addition, BST2 has a part in B-cell activation in rheumatoid arthritis.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	BST2 protein 0.5mg/ml is supplied in 20mM Tris-HCl, pH-8, 0.1M NaCl, 1mM DTT and 20% Glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MSEACRDGLR AVMECRNVTH LLQQELTEAQ KGFQDVEAQA ATCNHTVMAL MASLDAEKAQ GQKKVEELEG EITTLNHLKQ DASAEVERLR RENQVLSVRI ADKKYYPSSQ DSS

