

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

Amount :	10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	BST2 protein 0.5mg/ml is supplied in 20mM Tris-HCl, pH-8, 0.1M NaCl, 1mM DTT and 20% Glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSEACRDGLR AVMECRNVTH LLQELTEAQ KGFQDVEAQA ATCNHTVMAL MASLDAEKAQ GQKKVEELEG EITTLNHLQ DASAEVERLR RENQVLSVRI ADKKYPPSSQ DSS