

Bone Marrow Stromal Cell Antigen 2 Human Recombinant

Item Number	rAP-0712
Synonyms	Bone marrow stromal cell antigen 2, CD317 antigen, BST-2, HM1.24 antigen, Tetherin, NPC-A-7.
Description	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.
Uniprot Accession Number	Q10589
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSEACRDGLR AVMECRNVTH LLQQLTEAQ KGFQDVEAQA ATCNHTVMAL MASLDAEKAQ GQKKVEELEG EITTLNHLQ DASAEVERLR RENQVLSVRI AD- KKYYPSSQ DSS
Source	Escherichia Coli.
Physical Appearance and Stability	BST2 is supplied as a sterile filtered clear solution. 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.
Formulation and Purity	BST2 protein 0.5mg/ml is supplied in 20mM Tris-HCl, pH-8, 0.1M NaCl, 1mM DTT and 20% Glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**