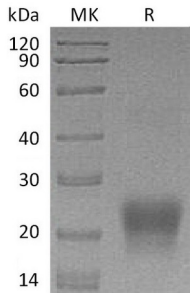
Product Name: Recombinant Human BST2 (C-6His)
Catalog #: PHH0165

Summary

Name	Tetherin/BST2/CD317/Bone marrow stromal antigen 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q10589
Host	Human Cells
Species	Human
Predicted Molecular Mass	13.67 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Bone Marrow Stromal Antigen 2; BST-2; HM1.24 Antigen; Tetherin; CD317; BST2
Background	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.

Note

For Research Use Only , Not for Diagnostic Use.