

Datasheet for ABIN667927

BST2 Protein (AA 50-161) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	BST2
Protein Characteristics:	AA 50-161
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BST2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	BST2, 50-161aa, Human, His tag, E.coli
Purity:	> 80 % by SDS - PAGE

Target Details

Target:	BST2
Alternative Name:	BST2 (BST2 Products)
Background:	BST2, also known as bone marrow stromal antigen 2, is involved in the growth and development of B-cells. BST2 is a human cellular protein which inhibits retrovirus infection by preventing the diffusion of virus particles after budding from infected cells. Initially discovered as an inhibitor to HIV-1 infection in the absence of Vpu, tetherin has also been shown to inhibit the release of other viruses such as the Lassa and Marburg virions. Also, this protein may play a

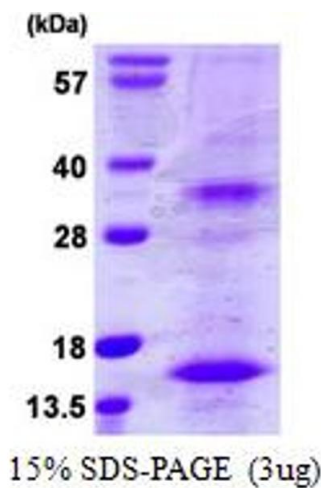
Target Details

	role in B-cell activation in rheumatoid arthritis. Recombinant human BST2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Bone marrow stromal antigen 2, HM1.24 antigen, Tetherin, CD317. NCBI no.: NP_004326
Molecular Weight:	14.8 kDa (133aa), confirmed by MALDI-TOF
Pathways:	Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response

Application Details

Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Storage:	4 °C

Images



SDS-PAGE

Image 1.