

BST2, 50-161aa, Human, His tag, E.coli

Cat.NO.: TP01371

3th Edition

Synonyms:Bone marrow stromal antigen 2, HM1.24 antigen, Tetherin, CD317

Description: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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:14.8 kDa (133aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSEACRDGLRAVMECRNVTHLLQQELTEAQKGFQDVEAQAATCNHTVMALMAS
LDAEKAQGQKKVEELEGEITTLNHKLQDASAEVERLRRENQVLSVRIADKKYYPSSQDSS

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.