

## BST2 Protein, Human (HEK293, His)

Cat. No.:	HY-P7673
Synonyms:	rHuBST2, His; Bone Marrow Stromal Antigen 2; BST-2
Species:	Human
Source:	HEK 293
Accession:	Q10589 (N49-S161)
Gene ID:	684
Molecular Weight:	20-30 kDa

### PROPERTIES

AA Sequence	<p>           N S E A C R D G L R    A V M E C R N V T H    L L Q Q E L T E A Q    K G F Q D V E A Q A            A T C N H T V M A L    M A S L D A E K A Q    G Q K K V E E L E G    E I T T L N H K L Q            D A S A E V E R L R    R E N Q V L S V R I    A D K K Y Y P S S Q    D S S H H H H H H         </p>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O or PBS.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Bone marrow stromal antigen 2 is induced by type I interferon produced in response to viral infections, as well as in certain cancers. Bone marrow stromal antigen 2 has been shown to be a host restriction factor of virus multiplication through its ability to physically tether budding virions and restrict viral spread <sup>[2]</sup> .
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### REFERENCES

[1]. Mahauad-Fernandez WD, et al. Critical role for bone marrow stromal antigen 2 in acute Chikungunya virus infection. J Gen Virol. 2014;95(Pt 11):2450-2461.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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