

# Product Information

## **MemDX™ Membrane Protein Human BST2 (Bone marrow stromal cell antigen 2) for Antibody Discovery**

Cat. No.: **MP1234J**

This product is for research use only and is not intended for diagnostic use.

This product is a 19.6 kDa Human BST2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

BST2

#### Protein Length

Full-length

#### Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

#### Molecular Weight

19.6 kDa

#### TMD

1

#### Sequence

MASTSYDYCRVPMEDGDKRCKLLLGIGILVLLIIVILGVPLIIFTIKANSEACRDGLRAVMECRNVTHLL  
QQELTEAQKGFQDVEAQAATCNHTVMALMASLDAEKAQGQKKVEELEGITTLNHLKLQDASAEVERLRRE  
NQVLSVRIADKKYYPSSQDSSSAAAPQLLIVLLGLSALLQ

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

#### Form

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

BST2

**Full Name**

Bone marrow stromal cell antigen 2

**Introduction**

Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of the protein encoded by the bone marrow stromal cell antigen 2 is undetermined; however, this protein may play a role in pre-B-cell growth and in rheumatoid arthritis.

**Alternative Names**

CD317; TETHERIN; BST-2; HM1.24 antigen; NPC-A-7

**Gene ID**

[684](#)

**UniProt ID**

[Q10589](#)