

Recombinant Human BST1 protein, His-tagged

Cat. No. BST1-2929H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BST1 protein(Q10588-1)(Gly29-Ala293), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly29-Ala293
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human BST1, His Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Anti-BST1 Antibody, hFc Tag with the EC50 of 2.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 31.2 kDa. Due to glycosylation, the protein migrates to 38-48 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [BST1 bone marrow stromal cell antigen 1 \[Homo sapiens \]](#)

Official Symbol [BST1](#)

Synonyms

BST1; bone marrow stromal cell antigen 1; ADP-ribosyl cyclase 2; ADP ribosyl cyclase 2; CD157; NAD(+) nucleosidase; BST-1; cADPr hydrolase 2; bone marrow stromal antigen 1; cyclic ADP-ribose hydrolase 2;

Gene ID [683](#)

mRNA Refseq [NM_004334](#)

Protein Refseq [NP_004325](#)

MIM [600387](#)

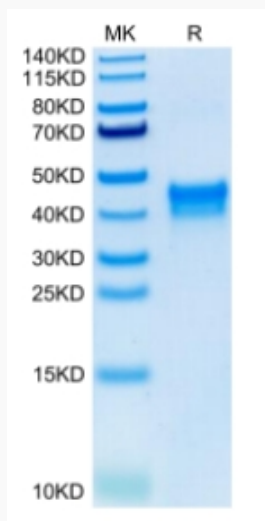
UniProt ID [Q10588](#)

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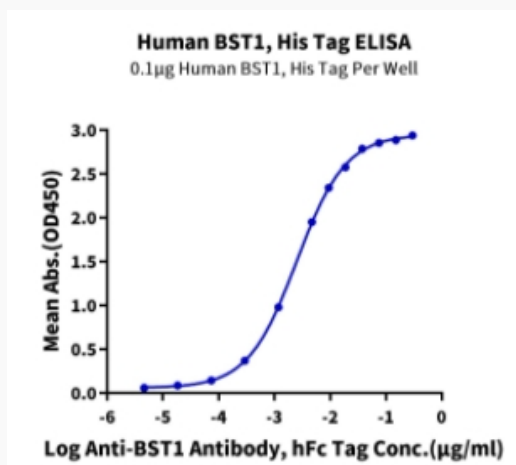
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Tris-Bis PAGE



ELISA Data



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