

Recombinant Rat Bst1 protein, hFc-tagged

Cat. No. Bst1-7490R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Bst1 protein(Q63072)(Met1-Glu293), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Glu293
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant rat BST1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 506 amino acids and has a predicted molecular mass of 56.8 kDa. The apparent molecular mass of the protein is approximately 67 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid 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 \[Rattus norvegicus \]](#)

Official Symbol [Bst1](#)

Synonyms BST1; bone marrow stromal cell antigen 1; ADP-ribosyl cyclase 2; BST-1; cADPr hydrolase 2; bone marrow stromal antigen 1; cyclic ADP-ribose hydrolase 2;

Gene ID [81506](#)

mRNA Refseq [NM_030848](#)

Protein Refseq [NP_110475](#)

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