# Recombinant Rat Bst1 protein, hFc-tagged

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

## SPECIFICATION

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| **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 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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

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| **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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