

## Recombinant Mouse Bst1 protein(Met1-Glu285), His-tagged

Cat. No. Bst1-2271M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD157 (NP_033893.2), without the propeptide (Met 1-Glu 285) was in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Glu285
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant mouse CD157 comprises 272 amino acids with a predicted molecular mass of 30.9 kDa. As a result of glycosylation, rmCD157 migrates as three bands with apparent molecular mass of approximately 37, 40 and 44 kDa respectively in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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 \[ Mus musculus \]](#)

**Official Symbol** [Bst1](#)

**Synonyms** BST1; bone marrow stromal cell antigen 1; ADP-ribosyl cyclase 2; BST-1; ly-65; antigen BP3; BP-3 alloantigen; cADPr hydrolase 2; leukocyte antigen 65; bone marrow stromal antigen 1; cyclic ADP-ribose hydrolase 2; Bp3; BP-3; Ly65; Bsta1; CD157; 114/A10; A530073F09;

**Gene ID** [12182](#)

**mRNA Refseq** [NM\\_009763](#)

**Protein Refseq** [NP\\_033893](#)

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