

[Go to Product page](#)

Datasheet for ABIN1684660

BST1 Protein (C-Term, Extracellular Domain)

Overview

Quantity:	100 µg
Target:	BST1
Protein Characteristics:	C-Term, Extracellular Domain
Origin:	Mouse
Source:	HEK-293T Cells
Protein Type:	Recombinant

Product Details

Specificity:	Optimized DNA sequence encoding extracellular domain of mouse ADP-ribosyl cyclase CD157 including a C-terminal 6His tag was expressed in HEK293 cells.
Characteristics:	Recombinant mouse CD157 is a monomer protein consisting of 72 amino acid residue subunits, due to glycosylation migrates as 3 separate bands 38-43 kDa protein on SDS-PAGE.
Purity:	> 97 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg (1 EU/µg).

Target Details

Target:	BST1
Alternative Name:	CD157 (BST1 Products)
Background:	TPA Tissue plasminogen Activator (abbreviated tPA or PLAT) is a protein involved in the

Target Details

breakdown of blood clots. Specifically, it is a serine protease (EC 3.4.21.68) found on endothelial cells, the cells that line the blood vessels. As an enzyme, it catalyzes the conversion of plasminogen to plasmin, the major enzyme responsible for clot breakdown.

UniProt: [Q64277](#)

Application Details

Restrictions: For Research Use only

Handling

Buffer: PBS solution, pH7.2

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: The lyophilized protein is stable for at least years from date of receipt at -20 °C. Upon reconstitution, this cytokine can be stored in working aliquots at -8 °C for one month, or at -20 °C for six months, with a carrier protein without detectable loss of activity.

Expiry Date: 12-24 months