Mouse CD157/BST1 (His Tag) recombinant protein

Catalog Number: 501128

General Information

Gene Name Synonym

ADP-ribosyl cyclase 2; Antigen BP3; BP-3 alloantigen; Bone marrow stromal antigen 1; Cyclic ADP-ribose hydrolase 2; Leukocyte antigen 65

Protein Construction

A DNA sequence encoding the mouse CD157 (NP_033893.2), without the propeptide (Met 1-Glu 285), was fused with a polyhistidine tag at the Cterminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}\mathrm{C}$

Predicted N terminal

Ala 25

Molecular Mass

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.

Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

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.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE

KDa 116	M		
66.2	_		
45.0	_		_
35.0	-		-
25.0	-	e-	
18.4	-		
14.4	-		

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