

# Mouse CD297 (Fc Tag) recombinant protein



Catalog Number: 501201

## General Information

### Gene Name Synonym

ADP-ribosyltransferase C2 and C3 toxin-like 4; Mono(ADP-ribosyl)transferase 4; NAD(P)(+)-arginine ADP-ribosyltransferase 4

### Protein Construction

A DNA sequence encoding the mouse Art4 (NP\_080915.1) (Met1-Lys263) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 91 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Gly 24

### Molecular Mass

The recombinant mouse Art4 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 481 amino acids and has a predicted molecular mass of 53.7 kDa. The apparent molecular mass of the protein is approximately 70 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

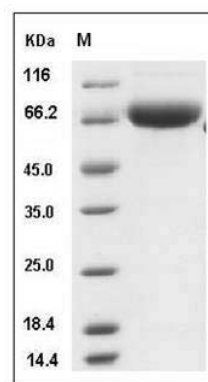
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



Mouse Art4 / CD297 Protein (Fc Tag) SDS-PAGE