

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 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°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

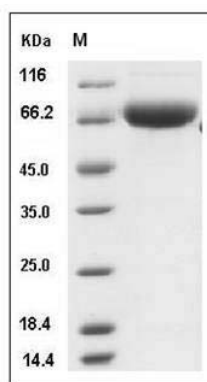
Storage

Store it under sterile conditions at -20°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



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