

Rat CD38 (Fc Tag) recombinant protein



Catalog Number: 501108

General Information

Gene Name Synonym:

2'-phospho-ADP-ribosyl cyclase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; CD38H; Cyclic ADP-ribose hydrolase 1

Protein Construction:

A DNA sequence encoding the rat CD38 (Q64244) (Trp45-Val303) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

Source:Rat

Expression Host:Human Cells

QC Testing

Activity:

Purity:

> 95 % 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:

Trp 45

Molecular Mass:

The recombinant rat CD38 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 500 amino acids and has a predicted molecular mass of 56.7 kDa. The apparent molecular mass of the protein is approximately 67 kDa in SDS-PAGE under reducing conditions.

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:

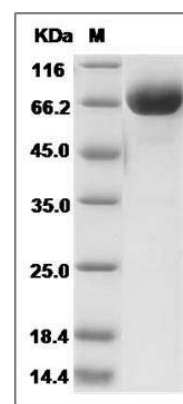
Store it under sterile conditions at -20°C to -80°C .

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:



Rat CD38 Protein (Fc Tag) SDS-PAGE