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## 32-9332: Recombinant Cynomolgus ADP-ribosyl Cyclic ADP-ribose Hydrolase 1/CD38 (C-Fc)(Discontinued)

Alternative Name: ADP-ribosyl cyclase 1; cyclic ADP-ribose hydrolase;CD38;T10

## **Description**

Source: Human Cells;

CD38, also called ADP-ribosyl cyclase, is a Type II integral membrane protein with 301 amino acids in length that belongs to the ADP-ribosyl cyclase family. It synthesizes the second messagers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the former a second messenger for glucose-induced insulin secretion. And also moonlights as a receptor in cells of the immune system. CD38 is expressed in B and T lymphocytes, osteoclasts, and in cardiac, pancreatic, liver and kidney cells. Through its production of cyclic ADP-ribose, CD38 modulates calcium-mediated signal transduction in many types of cells, including neutrophils and pancreatic beta cells.

## **Product Info**

**Amount :** 500 μg / 50 μg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

Amino Acid: Recombinant Cynomolgus monkey ADP-ribosyl Cyclase/Cyclic ADP-ribose Hydrolase 1 is

produced by our Mammalian expression system and the target gene encoding Leu44-Ile301 is

expressed with a Fc tag at the C-terminus.