

# Recombinant Mouse CD200 Protein(Fc Tag)

Catalog Number: PDMM100111

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Species</b>	Mouse
<b>Source</b>	Mammalian-derived Mouse Cd200 proteins Gln31-Gly232, with an C-terminal Fc
<b>Mol_Mass</b>	47.1 kDa
<b>Accession</b>	O54901
<b>Bio-activity</b>	Not validated for activity

## Properties

<b>Purity</b>	> 90% as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

## Data



SDS-PAGE analysis of Mouse Cd200 proteins, 2 µg/lane of Recombinant Mouse Cd200 proteins was resolved with an SDS-PAGE under reducing conditions, showing bands at 47.1 KD

## Background

Predicted to enable protein binding activity involved in heterotypic cell-cell adhesion. Involved in negative regulation of cell population proliferation, negative regulation of macrophage activation, and negative regulation of neuroinflammatory response. Located in cell surface. Is expressed in several structures, including anterior naris, aorta, bone, nervous system, and retina. Used to study autoimmune disease. Orthologous to human CD200 (CD200 molecule).

## For Research Use Only