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# Recombinant Mouse CD163 Protein(Fc Tag)

Catalog Number: PDMM100082

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

## Description

Species Mouse

Source Mammalian-derived Mouse Cd163 protein Val39-Thr1045, with an C-terminal Fc

Calculated MW 135.6 kDa
Observed MW 130-140 kDa
Accession Q2VLH6

**Bio-activity** Not validated for activity

### **Properties**

**Purity** > 90% as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU/mg of the protein as determined by the LAL method

Storage 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.

ShippingThis product is provided as lyophilized powder which is shipped with ice packs.FormulationLyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5%

Mannitol.

**Reconstitution** 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 Cd163 proteins, 2 µg/lane of Recombinant Mouse Cd163 proteins was resolved with an SDS-PAGE under reducing conditions, showing bands at 135.6KD

## Background

The hemoglobin (Hb) scavenger receptor, CD163, is a macrophage-specific protein and the upregulated expression of this receptor is one of the major changes in the macrophage switch to alternative activated phenotypes in inflammation. Accordingly, a high CD163 expression in macrophages is a characteristic of tissues responding to inflammation.

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