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# Recombinant Mouse G-CSF R/CD114 Protein(Fc Tag)

Catalog Number: PDMM100176

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

#### Description

Species Mouse

Source HEK293 Cells-derived Mouse G-CSF R/CD114 proteins Cys26-Asp626, with an C-

terminal Fo

 Calculated MW
 91 kDa

 Observed MW
 100-110 kDa

 Accession
 P40223

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.

Shipping

This product is provided as lyophilized powder which is shipped with ice packs.

Formulation

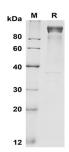
Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5%

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 G-CSF R/CD114 proteins, 2 µg/lane of Recombinant Mouse G-CSF R/CD114 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 100-110 KD

## **Background**

The Granulocyte Colony-Stimulating Factor (G-CSF) receptor, a member of the hematopoietin cytokine receptor superfamily, functions as a homodimer and requires the recruitment of cytosolic protein tyrosine kinases (PTKs) to transduce its signal.

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