# MOUSE CD138 PROTEIN, HFC TAG

**Cat.#:** 12138

**Product Name:** Mouse CD138 Protein

**Size :** 10 μg, 50 μg and 100 μg

**Synonyms:** AA408134;AA409076;CD138;Sstn;syn-1;Synd;Synd1

**Target:** CD138

**UNIPROT ID:** P18828

**Description:** Recombinant mouse CD138 protein with C-terminal human Fc tag

**Background:** Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP.[UniProtKB/Swiss-Prot Function]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 50.3 kDa after removal of the signal peptide.The apparent molecular mass of mCD138-hFc is approximately 55-70 kDa due to glycosylation.

**Molecular Characterization:** Mouse CD138(Gln23-Leu254) hFc(Glu99-Ala330)

**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

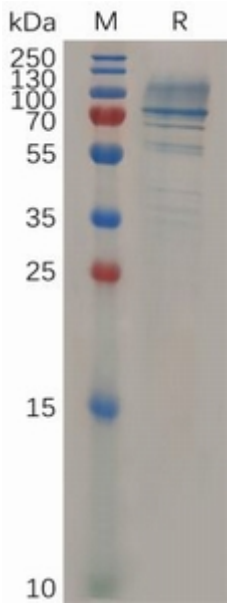


Figure 1. Mouse CD138 Protein, hFc Tag on SDS-PAGE under reducing condition.