

**Catalog No.: RP01967** **Recombinant**

Species	Gene ID	Swiss Prot
Mouse	12514	P31996

## Tags

**Synonyms**  
Cd68;Macrosialin; CD68

<b>Source</b>	<b>Purification</b>
HEK293 cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
55.01 KDa	90-120 kDa

< 0.01 EU/μg of the protein by LAL method

Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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SR-D1/CD68 Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane may allow macrophages to crawl over selectin-bearing substrates or other cells.

Recombinant Mouse SR-D1/CD68 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp21 -Ser291) of Mouse SR-D1/CD68(Accession #NP\_001277987.1) fused with hFC at the C-terminus.

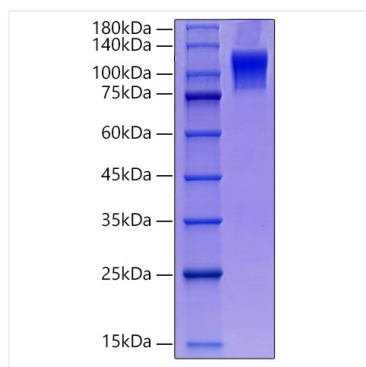
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Mouse SR-D1/CD68 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.