

Catalog No.: RP02115 **Recombinant** **1 Publications**

Species	Gene ID	Swiss Prot
Mouse	93671	O2VLH6-1

C-His

M130; CD163 molecule; CD163; GHI/61;
HbSR; MM130; SCAR11; sCD163

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
113.08 kDa	140-180 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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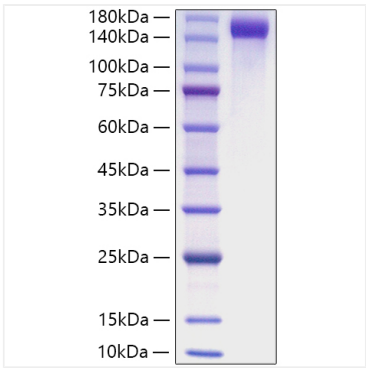
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The hemoglobin (Hb) scavenger receptor, CD163, is a macrophage-specific protein and the upregulated expression of this receptor is one of the major changes in the macrophage switch to alternative activated phenotypes in inflammation. Accordingly, a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

Recombinant Mouse CD163 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Thr1045) of mouse CD163 (Accession #NP_444324.2) fused with 8×His tag 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



Recombinant Mouse CD163 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.