

Recombinant Mouse CD163 Protein

Catalog No.: RP02115

Sequence Information

Species	Gene ID
Mouse	93671
Swiss Prot	Tags
Q2VLH6-1	C-His

Synonyms

M130, CD163 molecule, CD163; GHI/61, HbSR, MM130, SCAR1, sCD163

Product Information

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

Calculated MW	Observed MW
113.08 kDa	140-180 kDa

Endotoxin

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

Formulation

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

Reconstitution

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.

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.

Basic Information

Description

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

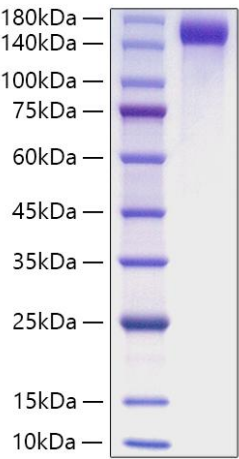
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



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