## **PRODUCT INFORMATION**

**Target** CD163

**Synonyms** M130;MM130;SCARI1

Recombinant Human CD163 Protein with C-**Description** 

terminal 6×His tag

**Delivery** In Stock **Uniprot ID** Q86VB7 **Expression Host HEK293** Tag C-6×His Tag

Molecular

**Molecular Weight** 

Storage & Shipping

CD163(Leu44-Gln1048) 6×His tag Characterization

The protein has a predicted molecular mass of

109.5 kDa after removal of the signal peptide. The apparent molecular mass of CD163-His is approximately 130-250 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the

clearance and endocytosis of hemoglobin/haptoglobin complexes by

macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative **Background** 

damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug

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Usage Research use only

Conjugate Unconjugated



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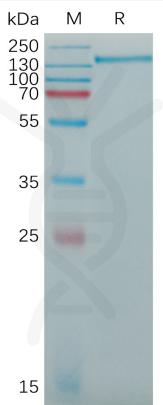


Figure 1. Human CD163 Protein, His Tag on SDS-PAGE under reducing condition.

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