**Synonyms** 



## **PRODUCT INFORMATION**

CD14 **Target** 

CD14 Molecule; Myeloid Cell-Specific Leucine-Rich

Glycoprotein;CD14 Antigen;Monocyte

Differentiation Antigen CD14

Recombinant Human CD14(20-344) Protein with **Description** 

C-terminal 6×His tag

Delivery In Stock **Uniprot ID** P08571 **Expression Host HEK293** Tag C-6×His Tag

Molecular CD14(Thr20-Met344) 6×His tag Characterization

The protein has a predicted molecular mass of 35.9 kDa after removal of the signal peptide. The apparent molecular mass of CD14(20-344)-His is **Molecular Weight** 

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

**Purity** staining

Storage & Shipping

**Background** 

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis 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 surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-

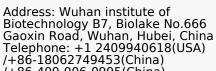
infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq,

> Email: info@dimabio.com Website: www.dimabio.com

Aug 2020]

Usage Research use only

Conjugate Unconjugated



/+86-400-006-0995(China)



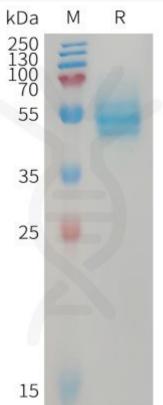


Figure 1.Human CD14(20-344) Protein, His Tag on SDS-PAGE under reducing condition.

