

## 32-18170: Recombinant Human CD14(20-344) Protein, His Tag

**Uniprot ID :** P08571  
**Alternative Name :** CD14 Molecule?Myeloid Cell-Specific Leucine-Rich Glycoprotein?CD14 Antigen?Monocyte Differentiation Antigen CD14

### Description

Molecular Characterization: CD14(Thr20-Met344) 6 $\text{\AA}$ —His tag

Molecular weight: 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 approximately 35-55 kDa due to glycosylation.

Description: Recombinant Human CD14(20-344) Protein with C-terminal 6 $\text{\AA}$ —His tag

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.

### Product Info

**Amount :** 100  $\mu\text{g}$  / 50  $\mu\text{g}$   
**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.  
**Storage condition :** 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.